## **High DPI Scaling on Windows 10**

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Users on Windows with high DPI screens (for example a 4k resolution 15 inch laptop screen) may encounter scaling issues when using IGB.

Windows users can change how IGB is scaled by overriding the high DPI scaling settings in the compatibility menu.

## To enable override of high DPI scaling on Windows 10

- 1. Right click on the IGB shortcut and select "Properties"
- 2. Select the "Compatibility" tab
- 3. Choose "Change high DPI settings"
- 4. In the pop-up under "High DPI scaling override":
  - a. check the box next to "Override high DPI scaling behavior"
  - b. in the drop-down box choose "System (Enhanced)" and click "OK"
- 5. Back in the "Compatibility" tab click "Apply" and "OK"

IGB will now be scaled for high DPI screens.

## Visual step-by-step guide

Step 1: Right click on the IGB shortcut and select "Properties"

			ÍG <sub>R</sub>
	Open		tegrate
	Move to OneDrive		Senome
	Run with graphics processor	>	Browser
	Open file location		
•	Run as administrator		
S	Share with Skype		
	Troubleshoot compatibility		
	Pin to Start		
	Scan with Windows Defender		
	Pin to taskbar		
	Restore previous versions		
	Send to	>	
	Cut		
	Сору		
	Create shortcut		
	Delete		
	Rename		
(	Properties		
			-

Step 2: Select the "Compatibility" tab

Security General	[	Details Shortcut	Pre	vious Versions Compatibility		
Integrated Genome Browser						
Target type:	Applicatio	Application				
Target location:	IGB	GB				
Target:	C:\Deskto	C:\Desktop\IGB\IntegratedGenomeBrowser.exe				
Start in:	C:\Deskto	C:\Desktop\IGB				
Shortcut key:	None					
Run:	Normal w	Normal window				
Comment:	Launch Ir	Launch Integrated Genome Browser				
Open File Lo	ocation	Change I	con	Advanced		

Step 3: Choose "Change high DPI settings"

Security	Details	Previous Vers	ions		
General	Shortcut	Compatib	oility		
f this program isn't running the compat	working correctly on t ibility troubleshooter.	his version of Window	vs, try		
Run compatibili	ty troubleshooter				
How do I choose co	ompatibility settings m	anually?			
Compatibility mode	9				
Run this program in compatibility mode for:					
Windows 8					
Settings					
Reduced color mode					
8-bit (256) color					
Run in 640 x 480 screen resolution					
Disable fullscr	een optimizations				
Run this progr	ram as an administrato	or			
Change h	igh DPI settings				
Thange set	tings for all users				

Step 4: In the pop-up under "High DPI scaling override":

- check the box next to "Override high DPI scaling behavior"
  in the drop-down box choose "System (Enhanced)" and click "OK"

Balntegrated Ge	nome Browser Propertie	S	$\times$	
Security General	Details Shortcut	Previous Vers Compatib	ions ility	
If this program is running tl Integ	sn't working correctly on thi grated Genome Browser	s version of Window Properties	vs, try	
Run c Choose the high DPI settings for this program.				
Compati Prog	gram DPI Use this setting to fix scali instead of the one in Settin on Advanced scaling setting	ng problems for this ngs <u>us</u>	program	
Settings thi Red set	program might look blurry i anges after you sign in to V s scaling problem for this p t for your main display whe	f the DPI for your m Vindows. Windows c rogram by using the n you open this prog	ain display an try to fix DPI that's gram.	
8-bit (2 Us	e the DPI that's set for my signed in to Windows	main display when $\scriptstyle  imes$		
Disa Lea	arn more			
Run Higi C S	n DPI scaling override Override high DPI scaling l Scaling performed by: /stem (Enhanced)	pehavior.		
		ОК	Cancel	

Step 5: Back in the "Compatibility" tab click "Apply" and "OK"

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	B Integrated Genom	ne Browser Properti	es	×			
Gei	Security General	Details Shortcut	Previous	s Versions npatibility			
	If this program isn't working correctly on this version of Windows, try running the compatibility troubleshooter.						
	Run compatibility troubleshooter						
	How do I choose compatibility settings manually?						
	Compatibility mode						
	Windows 8						
	Settings	mode					
	8-bit (256) color						
	Disable fullscreen optimizations						
	Run this program as an administrator						
	Change hig	h DPI settings					
	Change setti	ngs for all users					
		OK	Cancel	Apply			

Done: IGB will now be scaled for high DPI screens.

## Before and After images - high DPI scaling

Before:



After:



Drag the Current Genome and Data Access tabs to resize them for your screen. IGB will save these settings as part of your preferences and remember them upon relaunch of the program.

