

Converting Colors

RGB(104, 165, 153)

Have a look what the booklet for
RGB(104, 165, 153) contains.

RGB(104, 165, 153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(104, 165, 153)

Conversions

Conversions Part 1

Format	Color
Hex	68A599
RGB	104, 165, 153
RGB Percent	41%, 65%, 60%
CMY	0.5922, 0.3529, 0.4000
CMYK	0.37, 0.00, 0.07, 0.35
HSL	168°, 25%, 53%
HSV	168°, 37%, 65%
XYZ	24.9138, 32.1532, 35.0301
YIQ	145.3930, -32.5040, -16.6640

Conversions

Conversions Part 2

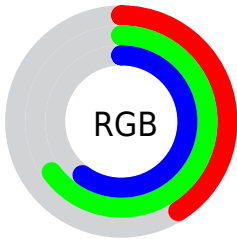
Format	Color
RYB	104, 138, 165
Decimal	6858137
CIELab	63.47, -22.55, -0.03
CIELCh	63, 22.550, 180.069
Yxy	32.1532, 0.2705, 0.3491
Android (android.graphics.Color)	4285048217 (0xFF68A599)
YUV	145.3930, 3.7503, -36.3017
Hunter-Lab	56.7038, -20.8046, 3.0649

Details

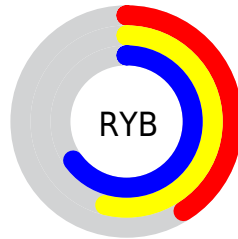
The RGB color **104, 165, 153** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **165, 104, 116**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **158, 220, 207**, and **52, 113, 102** is the 20% darker color. If you saturate the color by 10%, you get **87, 165, 150**, and if you desaturate by 10%, it is **120, 165, 156**.

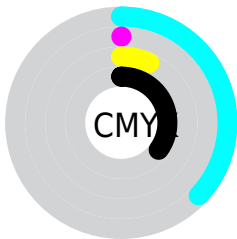
Distribution



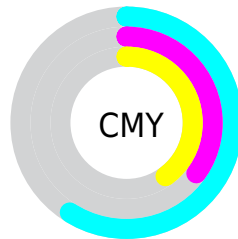
- Red (41%)
- Green (65%)
- Blue (60%)



- Red (41%)
- Yellow (54%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)




- Cyan (59%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 165, 153 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 104, 165, 153 by changing the saturation by 10% instead.

 104, 165, 153

255, 255, 255


 158, 220, 207


 185, 249, 235


 214, 255, 255


 242, 255, 255


 104, 165, 153

 87, 165, 150

 104, 165, 153

 78, 139, 127

 52, 113, 102


 25, 88, 78

 0, 64, 55

 0, 42, 34

 0, 21, 12

 0, 0, 0

 104, 165, 153

 120, 165, 156

■ 71, 165, 147

■ 137, 165, 159

■ 55, 165, 143

■ 153, 165, 163

■ 38, 165, 140

■ 170, 165, 166

■ 22, 165, 137

■ 187, 165, 169

■ 5, 165, 134

■ 203, 165, 172

■ 0, 165, 133

■ 219, 165, 176

■ 236, 165, 179

■ 252, 165, 182

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



124, 163, 133



104, 165, 153



95, 164, 173

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



104, 165, 153



157, 149, 188



185, 146, 120

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



104, 165, 153



165, 104, 116

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



194, 141, 135



104, 165, 153



180, 142, 174

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



104, 165, 153



129, 155, 193



193, 139, 154



168, 152, 114

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



104, 165, 153



100, 162, 184



193, 139, 154



189, 144, 124

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



104, 165, 153



191, 214, 210



116, 165, 104



93, 107, 104



235, 235, 235



107, 107, 107

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104, 165, 153



120, 214, 196



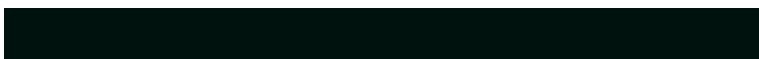
104, 147, 165



73, 82, 80



0, 145, 117



0, 18, 14

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



165, 104, 116



214, 120, 138



165, 122, 104



82, 73, 75



145, 0, 29



18, 0, 4

Previews

White Background



This preview shows how the RGB color 104, 165, 153 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 104, 165, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

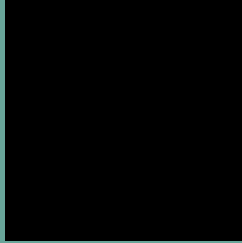
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 104, 165, 153 Background



This preview shows how black text looks on a background with the RGB color 104, 165, 153.

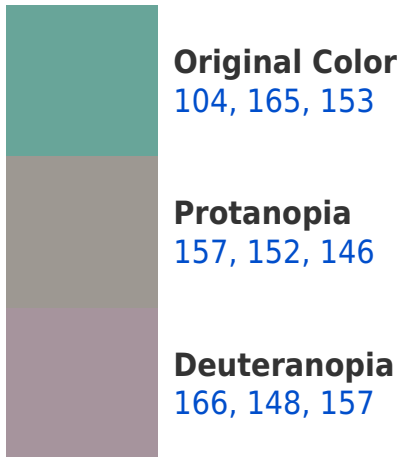



This preview shows how white text looks on a background with the RGB color 104, 165, 153.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
109, 162, 175

Trichromacy



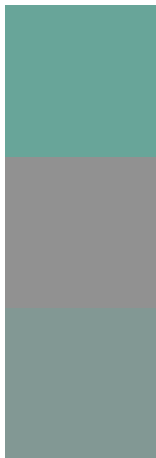
Original Color
104, 165, 153

Protanomaly
138, 157, 149

Deuteranomaly
143, 154, 156

Tritanomaly
107, 163, 167

Monochromacy



Original Color
104, 165, 153

Achromatopsia
145, 145, 145

Achromatomaly
130, 152, 148

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 165, 153 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(104, 165, 153)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 165, 153) }
```

Border

The CSS property to change the border of an element to RGB 104, 165, 153 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 165, 153) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 165, 153) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(104, 165,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 104, 165, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 165, 153) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104,  
165, 153) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor