

Converting Colors

RGB(104, 176, 182)

Have a look what the booklet for
RGB(104, 176, 182) contains.

RGB(104, 176, 182)	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, 176, 182)

Conversions

Conversions Part 1

Format	Color
Hex	68B0B6
RGB	104, 176, 182
RGB Percent	41%, 69%, 71%
CMY	0.5922, 0.3098, 0.2863
CMYK	0.43, 0.03, 0.00, 0.29
HSL	185°, 35%, 56%
HSV	185°, 43%, 71%
XYZ	29.6778, 37.3711, 49.9051
YIQ	155.1560, -44.8380, -13.3980

Conversions

Conversions Part 2

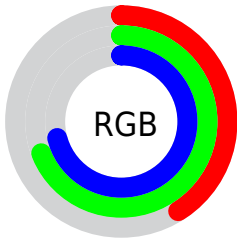
Format	Color
RYB	104, 141, 182
Decimal	6860982
CIELab	67.55, -20.94, -10.14
CIELCh	68, 23.267, 205.845
Yxy	37.3711, 0.2538, 0.3195
Android (android.graphics.Color)	4285051062 (0xFF68B0B6)
YUV	155.1560, 13.2341, -44.8638
Hunter-Lab	61.1319, -20.3244, -5.6091

Details

The RGB color **104, 176, 182** is a light color, and the websafe version is hex **669999**. A complement of this color would be **182, 110, 104**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **159, 232, 238**, and **48, 123, 129** is the 20% darker color. If you saturate the color by 10%, you get **86, 175, 182**, and if you desaturate by 10%, it is **122, 177, 182**.

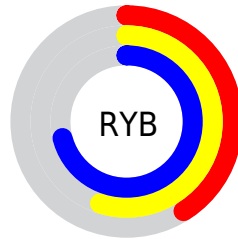
Distribution



Red (41%)

Green (69%)

Blue (71%)



Red (41%)

Yellow (55%)

Blue (71%)

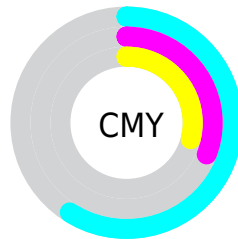


Cyan (43%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (59%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 176, 182 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, 176, 182 by changing the saturation by 10% instead.

 104, 176, 182


255, 255, 255


 159, 232, 238


 187, 255, 255

 216, 255, 255

 245, 255, 255

 104, 176, 182

 77, 149, 155

 48, 123, 129

 12, 98, 104


 0, 74, 80


 0, 51, 57

 0, 31, 36

 0, 1, 14

 0, 0, 0

 104, 176, 182

 104, 176, 182

86, 175, 182

122, 177, 182

68, 173, 182

140, 179, 182

49, 172, 182

159, 180, 182

31, 170, 182

177, 182, 182

13, 169, 182

195, 183, 182

0, 168, 182

213, 184, 182

231, 186, 182

250, 187, 182

255, 189, 182

Harmonies

Analogous

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



115, 176, 161



104, 176, 182



111, 173, 199

Triad

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



104, 176, 182



189, 153, 188



183, 162, 123

Complementary

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



104, 176, 182



182, 110, 104

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.



200, 155, 131



104, 176, 182



204, 150, 168

Square

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



104, 176, 182



164, 160, 202



207, 150, 147



161, 169, 126

Rectangle

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



104, 176, 182



126, 169, 205



207, 150, 147



189, 160, 124

Sweetspot

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



104, 176, 182



206, 235, 237



104, 182, 109



101, 118, 120



247, 247, 247



120, 120, 120

Same Dimension

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



104, 176, 182



116, 228, 237



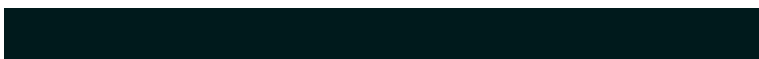
104, 138, 182



83, 91, 92



0, 144, 156



0, 26, 28

Inverse Universe

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



182, 104, 176



237, 116, 228



182, 148, 104



92, 83, 91



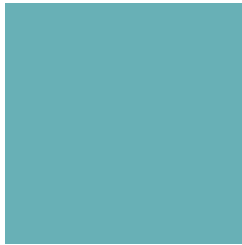
156, 0, 144



28, 0, 26

Previews

White Background



This preview shows how the RGB color 104, 176, 182 looks on a white background.

Color Contrast Check

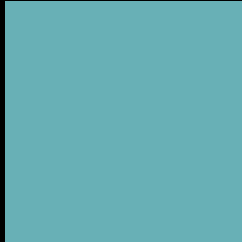
Large Text (above 18pt) WCAG AA × Fail

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, 176, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

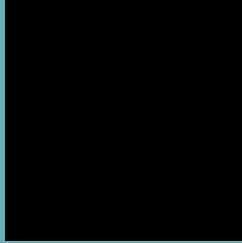
Any Text WCAG AA ✓ Pass

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, 176, 182 Background



This preview shows how black text looks on a background with the RGB color 104, 176, 182.

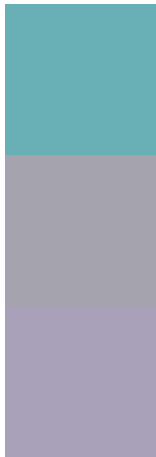


This preview shows how white text looks on a background with the RGB color 104, 176, 182.

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



Original Color
104, 176, 182

Protanopia
164, 163, 174

Deuteranopia
169, 160, 186



Tritanopia
106, 175, 189

Trichromacy



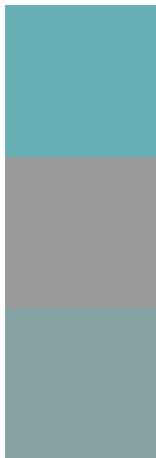
Original Color
104, 176, 182

Protanomaly
142, 168, 177

Deuteranomaly
145, 166, 185

Tritanomaly
105, 175, 186

Monochromacy



Original Color
104, 176, 182

Achromatopsia
155, 155, 155

Achromatomaly
136, 163, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 176, 182 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, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(104, 176, 182)  
}
```

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, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 176, 182) }
```

Border

The CSS property to change the border of an element to RGB 104, 176, 182 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, 176, 182) }
```

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

```
.border{ border-color:rgb(104, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(104, 176,  
182) }
```

Background

The CSS property to change the background color of an element to RGB 104, 176, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 176, 182) }
```

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

```
.background{ background-color: rgb(104,  
176, 182) }
```

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