

Converting Colors

RGB(98, 168, 176)

Have a look what the booklet for
RGB(98, 168, 176) contains.

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Color

RGB(98, 168, 176)

Conversions

Conversions Part 1

Format	Color
Hex	62A8B0
RGB	98, 168, 176
RGB Percent	38%, 66%, 69%
CMY	0.6157, 0.3412, 0.3098
CMYK	0.44, 0.05, 0.00, 0.31
HSL	186°, 33%, 54%
HSV	186°, 44%, 69%
XYZ	26.8761, 33.7365, 46.1696
YIQ	147.9820, -44.2880, -12.3520

Conversions

Conversions Part 2

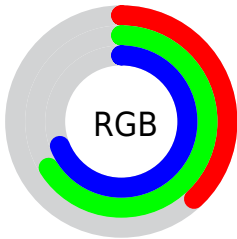
Format	Color
RYB	98, 135, 176
Decimal	6465712
CIELab	64.75, -19.89, -11.03
CIELCh	65, 22.744, 208.998
Yxy	33.7365, 0.2517, 0.3159
Android (android.graphics.Color)	4284655792 (0xFF62A8B0)
YUV	147.9820, 13.8129, -43.8342
Hunter-Lab	58.0832, -19.0504, -6.4707

Details

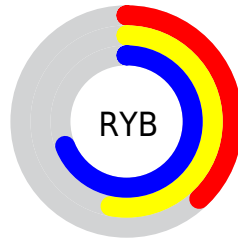
The RGB color **98, 168, 176** is a light color, and the websafe version is hex **669999**. A complement of this color would be **176, 106, 98**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **153, 223, 232**, and **42, 116, 124** is the 20% darker color. If you saturate the color by 10%, you get **80, 166, 176**, and if you desaturate by 10%, it is **116, 170, 176**.

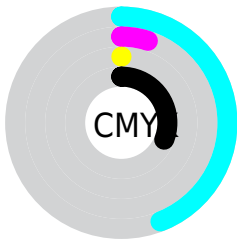
Distribution



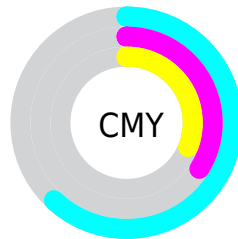
- Red (38%)
- Green (66%)
- Blue (69%)



- Red (38%)
- Yellow (53%)
- Blue (69%)



- Cyan (44%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)




- Cyan (62%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 98, 168, 176 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 98, 168, 176 by changing the saturation by 10% instead.

 98, 168, 176


255, 255, 255


 153, 223, 232


 181, 252, 255

 210, 255, 255

 239, 255, 255

 98, 168, 176

 71, 141, 149

 42, 116, 124

 0, 91, 99


 0, 67, 75


 0, 45, 52

 0, 26, 31

 0, 0, 5

 0, 0, 0

 98, 168, 176

 98, 168, 176

■ 80, 166, 176

■ 116, 170, 176

■ 63, 164, 176

■ 133, 172, 176

■ 45, 163, 176

■ 151, 173, 176

■ 28, 161, 176

■ 168, 175, 176

■ 10, 159, 176

■ 186, 177, 176

■ 0, 158, 176

■ 204, 179, 176

■ 221, 181, 176

■ 239, 182, 176

■ 255, 184, 176

Harmonies

Analogous

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



107, 169, 156



98, 168, 176



107, 165, 191

Triad

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



98, 168, 176



183, 146, 178



173, 155, 117

Complementary

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



98, 168, 176



176, 106, 98

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.



190, 149, 123



98, 168, 176



196, 142, 159

Square

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



98, 168, 176



159, 152, 193



198, 144, 138



151, 162, 121

Rectangle

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



98, 168, 176



122, 161, 196



198, 144, 138



179, 153, 118

Sweetspot

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



98, 168, 176



200, 226, 230



98, 176, 106



96, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



98, 168, 176



108, 217, 230



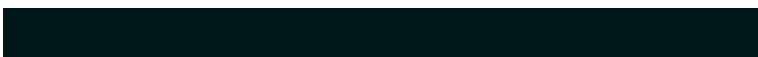
98, 129, 176



80, 88, 89



0, 137, 153



0, 23, 26

Inverse Universe

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



176, 98, 168



230, 108, 217



176, 145, 98



89, 80, 88



153, 0, 137



26, 0, 23

Previews

White Background



This preview shows how the RGB color 98, 168, 176 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 98, 168, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

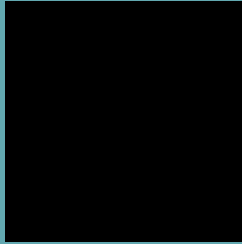
Any Text WCAG AA ✓ Pass

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 98, 168, 176 Background



This preview shows how black text looks on a background with the RGB color 98, 168, 176.

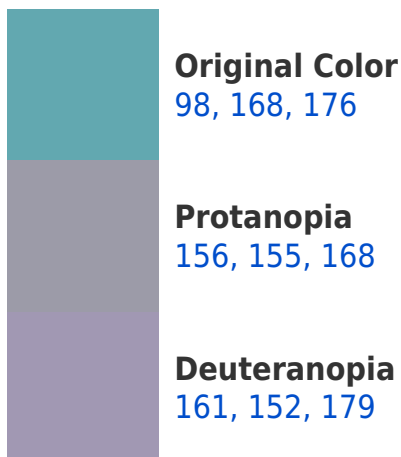


This preview shows how white text looks on a background with the RGB color 98, 168, 176.

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
99, 167, 181

Trichromacy



Original Color

98, 168, 176



Protanomaly

135, 160, 171



Deuteranomaly

138, 158, 178



Tritanomaly

99, 167, 179

Monochromacy



Original Color

98, 168, 176



Achromatopsia

148, 148, 148



Achromatomaly

130, 155, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 98, 168, 176 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(98, 168, 176)` looks like.

```
.text, #text, p{  
    color:rgb(98, 168, 176)  
}
```

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(98, 168, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 168, 176) }
```

Border

The CSS property to change the border of an element to RGB 98, 168, 176 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(98, 168, 176) }
```

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

```
.border{ border-color:rgb(98, 168, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 168, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 168, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 168, 176); box-shadow:4px 4px 4px 4px rgb(98, 168, 176) }
```

Background

The CSS property to change the background color of an element to RGB 98, 168, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 168, 176) }
```

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

```
.background{ background-color: rgb(98, 168,  
176) }
```

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](#).

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