

Converting Colors

RGB(102, 165, 174)

Have a look what the booklet for
RGB(102, 165, 174) contains.

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Color

RGB(102, 165, 174)

Conversions

Conversions Part 1

Format	Color
Hex	66A5AE
RGB	102, 165, 174
RGB Percent	40%, 65%, 68%
CMY	0.6000, 0.3529, 0.3176
CMYK	0.41, 0.05, 0.00, 0.32
HSL	188°, 31%, 54%
HSV	188°, 41%, 68%
XYZ	26.5746, 32.7910, 44.9731
YIQ	147.1890, -40.4370, -10.5570

Conversions

Conversions Part 2

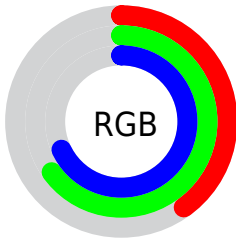
Format	Color
RYB	102, 136, 174
Decimal	6727086
CIELab	63.99, -17.84, -11.03
CIELCh	64, 20.976, 211.724
Yxy	32.7910, 0.2547, 0.3143
Android (android.graphics.Color)	4284917166 (0xFF66A5AE)
YUV	147.1890, 13.2178, -39.6308
Hunter-Lab	57.2635, -17.3735, -6.4802

Details

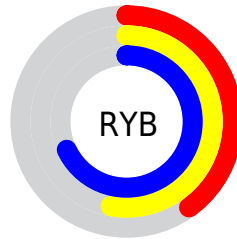
The RGB color **102, 165, 174** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **174, 111, 102**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **156, 220, 229**, and **48, 113, 122** is the 20% darker color. If you saturate the color by 10%, you get **85, 163, 174**, and if you desaturate by 10%, it is **119, 167, 174**.

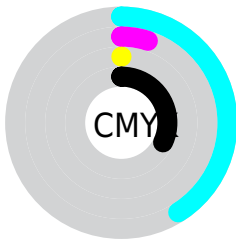
Distribution



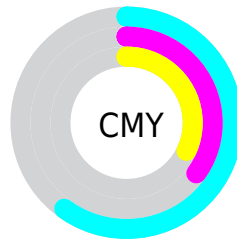
- Red (40%)
- Green (65%)
- Blue (68%)



- Red (40%)
- Yellow (53%)
- Blue (68%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)




- Cyan (60%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 165, 174 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 102, 165, 174 by changing the saturation by 10% instead.

 102, 165, 174


255, 255, 255


 156, 220, 229


 184, 249, 255

 213, 255, 255


 242, 255, 255

 102, 165, 174

 75, 139, 147

 48, 113, 122

 15, 88, 97


 0, 65, 73


 0, 42, 51

 0, 23, 30

 0, 0, 2

 0, 0, 0

 102, 165, 174

 102, 165, 174

85, 163, 174

119, 167, 174

67, 161, 174

137, 169, 174

50, 158, 174

154, 172, 174

32, 156, 174

172, 174, 174

15, 154, 174

189, 176, 174

0, 152, 174

206, 178, 174

224, 180, 174

241, 182, 174

255, 185, 174

Harmonies

Analogous

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



109, 166, 155



102, 165, 174



112, 162, 187

Triad

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



102, 165, 174



180, 144, 173



168, 154, 118

Complementary

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



102, 165, 174



174, 111, 102

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.



184, 148, 123



102, 165, 174



192, 142, 155

Square

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



102, 165, 174



160, 150, 187



193, 143, 136



148, 160, 123

Rectangle

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



102, 165, 174



126, 158, 192



193, 143, 136



174, 152, 118

Sweetspot

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



102, 165, 174



200, 224, 227



102, 174, 110



99, 113, 115



242, 242, 242



115, 115, 115

Same Dimension

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



102, 165, 174



113, 213, 227



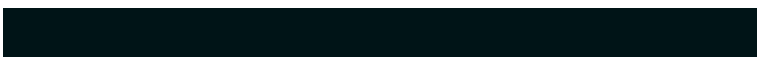
102, 130, 174



78, 86, 87



0, 132, 150



0, 20, 23

Inverse Universe

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



174, 102, 165



227, 113, 213



174, 146, 102



87, 78, 86



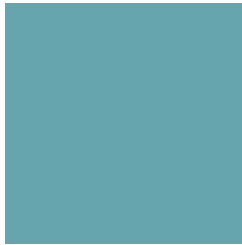
150, 0, 132



23, 0, 20

Previews

White Background



This preview shows how the RGB color 102, 165, 174 looks on a white background.

Color Contrast Check

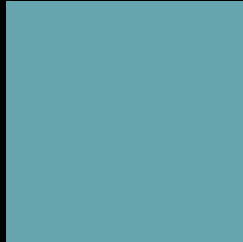
Large Text (above 18pt) WCAG AA × Fail

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 102, 165, 174 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 102, 165, 174 Background



This preview shows how black text looks on a background with the RGB color 102, 165, 174.

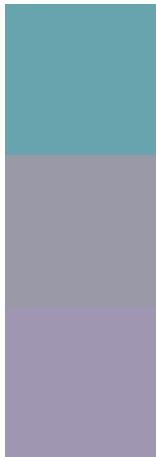


This preview shows how white text looks on a background with the RGB color 102, 165, 174.

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
102, 165, 174

Protanopia
153, 153, 167

Deuteranopia
159, 150, 177



Tritanopia
103, 164, 178

Trichromacy



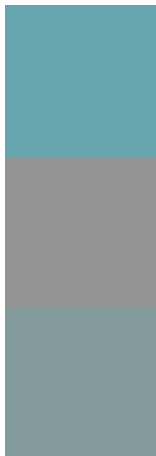
Original Color
102, 165, 174

Protanomaly
134, 157, 170

Deuteranomaly
138, 155, 176

Tritanomaly
103, 164, 177

Monochromacy



Original Color
102, 165, 174

Achromatopsia
147, 147, 147

Achromatomaly
131, 154, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 165, 174 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(102, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(102, 165, 174)  
}
```

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(102, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 165, 174) }
```

Border

The CSS property to change the border of an element to RGB 102, 165, 174 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(102, 165, 174) }
```

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

```
.border{ border-color:rgb(102, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(102, 165,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 102, 165, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 165, 174) }
```

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

```
.background{ background-color: rgb(102,  
165, 174) }
```

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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