

Converting Colors

RGB(102, 162, 179)

Have a look what the booklet for
RGB(102, 162, 179) contains.

RGB(102, 162, 179)	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(102, 162, 179)

Conversions

Conversions Part 1

Format	Color
Hex	66A2B3
RGB	102, 162, 179
RGB Percent	40%, 64%, 70%
CMY	0.6000, 0.3647, 0.2980
CMYK	0.43, 0.09, 0.00, 0.30
HSL	193°, 34%, 55%
HSV	193°, 43%, 70%
XYZ	26.5365, 31.9201, 47.4104
YIQ	145.9980, -41.2170, -7.4330

Conversions

Conversions Part 2

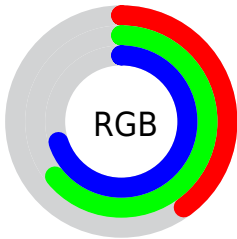
Format	Color
RYB	102, 136, 179
Decimal	6726323
CIELab	63.28, -14.92, -14.90
CIELCh	63, 21.088, 224.975
Yxy	31.9201, 0.2507, 0.3015
Android (android.graphics.Color)	4284916403 (0xFF66A2B3)
YUV	145.9980, 16.2700, -38.5862
Hunter-Lab	56.4979, -15.0316, -10.2049

Details

The RGB color **102, 162, 179** is a light color, and the websafe version is hex **669999**. A complement of this color would be **179, 119, 102**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **157, 217, 235**, and **48, 110, 126** is the 20% darker color. If you saturate the color by 10%, you get **84, 158, 179**, and if you desaturate by 10%, it is **120, 166, 179**.

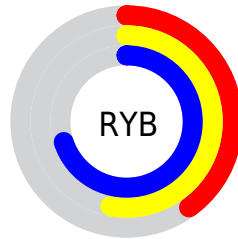
Distribution



Red (40%)

Green (64%)

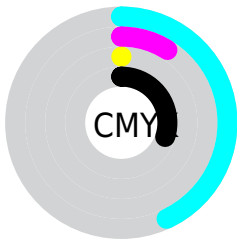
Blue (70%)



Red (40%)

Yellow (53%)

Blue (70%)

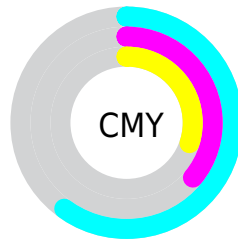


Cyan (43%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (60%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 162, 179 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, 162, 179 by changing the saturation by 10% instead.

 102, 162, 179

255, 255, 255


 157, 217, 235


 185, 245, 255

 213, 255, 255

 242, 255, 255

 102, 162, 179

 75, 136, 152


 48, 110, 126

 14, 86, 101

 0, 62, 77

 0, 40, 54

 0, 21, 33

 0, 0, 8

 0, 0, 0

 102, 162, 179

 102, 162, 179

■ 84, 158, 179

■ 120, 166, 179

■ 66, 154, 179

■ 138, 170, 179

■ 48, 150, 179

■ 156, 174, 179

■ 30, 146, 179

■ 174, 178, 179

■ 13, 142, 179

■ 192, 182, 179

■ 0, 139, 179

■ 209, 186, 179

■ 227, 190, 179

■ 245, 194, 179

■ 255, 198, 179

Harmonies

Analogous

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



102, 164, 162



102, 162, 179



119, 158, 189

Triad

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



102, 162, 179



185, 141, 163



157, 155, 117

Complementary

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



102, 162, 179



179, 119, 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.



176, 149, 117



102, 162, 179



192, 140, 144

Square

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



102, 162, 179



168, 145, 180



188, 143, 127



136, 160, 126

Rectangle

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



102, 162, 179



135, 154, 190



188, 143, 127



164, 153, 116

Sweetspot

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



102, 162, 179



202, 225, 232



102, 179, 119



99, 113, 117



245, 245, 245



117, 117, 117

Same Dimension

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



102, 162, 179



111, 205, 232



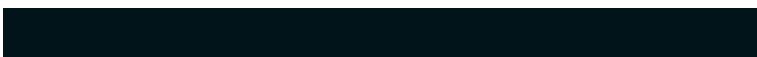
102, 124, 179



80, 87, 89



0, 119, 153



0, 20, 26

Inverse Universe

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



179, 102, 162



232, 111, 205



179, 157, 102



89, 80, 87



153, 0, 119



26, 0, 20

Previews

White Background



This preview shows how the RGB color 102, 162, 179 looks on a white background.

Color Contrast Check

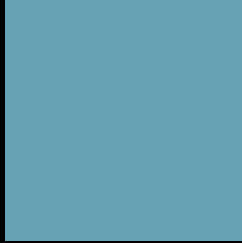
Large Text (above 18pt) WCAG AA × Fail

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, 162, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

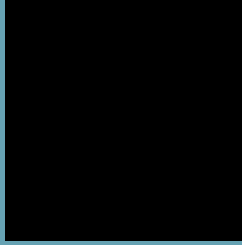
Any Text WCAG AA ✓ Pass

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, 162, 179 Background



This preview shows how black text looks on a background with the RGB color 102, 162, 179.



This preview shows how white text looks on a background with the RGB color 102, 162, 179.

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, 162, 179

Protanopia
149, 151, 172

Deuteranopia
153, 149, 182



Tritanopia
101, 163, 176

Trichromacy



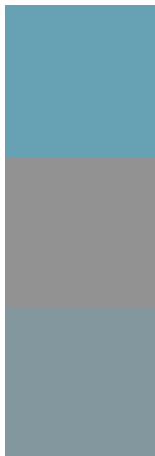
Original Color
102, 162, 179

Protanomaly
132, 155, 175

Deuteranomaly
134, 154, 181

Tritanomaly
101, 163, 177

Monochromacy



Original Color
102, 162, 179

Achromatopsia
146, 146, 146

Achromatomaly
130, 152, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 162, 179 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, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(102, 162, 179)  
}
```

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, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 162, 179) }
```

Border

The CSS property to change the border of an element to RGB 102, 162, 179 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, 162, 179) }
```

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

```
.border{ border-color:rgb(102, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(102, 162,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 102, 162, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 162, 179) }
```

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

```
.background{ background-color: rgb(102,  
162, 179) }
```

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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