

Converting Colors

RGB(102, 165, 111)

Have a look what the booklet for
RGB(102, 165, 111) contains.

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Color

RGB(102, 165, 111)

Conversions

Conversions Part 1

Format	Color
Hex	66A56F
RGB	102, 165, 111
RGB Percent	40%, 65%, 44%
CMY	0.6000, 0.3529, 0.5647
CMYK	0.38, 0.00, 0.33, 0.35
HSL	129°, 26%, 52%
HSV	129°, 38%, 65%
XYZ	21.8039, 30.8827, 19.8507
YIQ	140.0070, -20.2140, -30.1500

Conversions

Conversions Part 2

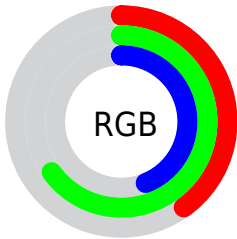
Format	Color
RYB	102, 157, 165
Decimal	6727023
CIELab	62.41, -31.89, 21.78
CIELCh	62, 38.617, 145.664
Yxy	30.8827, 0.3006, 0.4257
Android (android.graphics.Color)	4284917103 (0xFF66A56F)
YUV	140.0070, -14.3005, -33.3321
Hunter-Lab	55.5722, -27.2166, 17.7219

Details

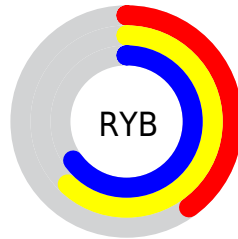
The RGB color **102, 165, 111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 102, 156**, and the grayscale version is **140, 140, 140**.

A 20% lighter version of the original color is **155, 220, 163**, and **50, 113, 63** is the 20% darker color. If you saturate the color by 10%, you get **85, 165, 97**, and if you desaturate by 10%, it is **118, 165, 125**.

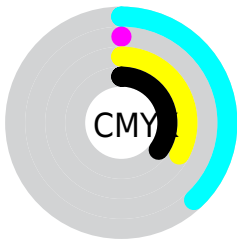
Distribution



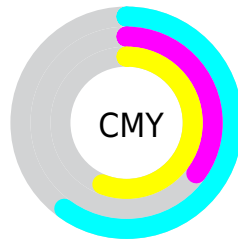
- Red (40%)
- Green (65%)
- Blue (44%)



- Red (40%)
- Yellow (62%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 165, 111 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, 111 by changing the saturation by 10% instead.

 102, 165, 111


255, 255, 255

 155, 220, 163

 183, 249, 190


 211, 255, 218


 240, 255, 247

 102, 165, 111

 85, 165, 97

 102, 165, 111

 76, 138, 86

 50, 113, 63


 23, 88, 40

 0, 64, 18

 0, 41, 0

 0, 16, 0


 0, 0, 0


 102, 165, 111


 118, 165, 125

 69, 165, 83

 135, 165, 139

 52, 165, 69


 151, 165, 153


 36, 165, 54


 168, 165, 168

 19, 165, 40

 184, 165, 182


 3, 165, 26

 201, 165, 196

 0, 165, 24

 217, 165, 210

 234, 165, 224

 250, 165, 238

Harmonies

Analogous

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



143, 158, 88



102, 165, 111



48, 169, 145

Triad

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



102, 165, 111



87, 156, 219



216, 126, 123

Complementary

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



102, 165, 111



165, 102, 156

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.



212, 124, 157



102, 165, 111



147, 144, 213

Square

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



102, 165, 111



0, 164, 207



189, 131, 190



203, 135, 95

Rectangle

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



102, 165, 111



0, 169, 168



189, 131, 190



217, 124, 134

Sweetspot

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



102, 165, 111



191, 214, 194



157, 165, 102



93, 107, 95



235, 235, 235



107, 107, 107

Same Dimension

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



102, 165, 111



116, 214, 130



102, 165, 142



73, 82, 75



0, 145, 21



0, 18, 3

Inverse Universe

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



165, 102, 156



214, 116, 200



165, 102, 125



82, 73, 80



145, 0, 125



18, 0, 15

Previews

White Background



This preview shows how the RGB color 102, 165, 111 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, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

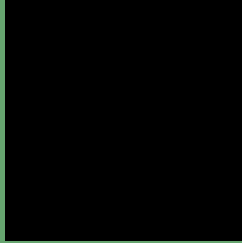
Any Text WCAG AA ✓ Pass

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, 111 Background



This preview shows how black text looks on a background with the RGB color 102, 165, 111.



This preview shows how white text looks on a background with the RGB color 102, 165, 111.

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, 111

Protanopia
162, 150, 105

Deuteranopia
176, 144, 116



Tritanopia
114, 158, 170

Trichromacy



Original Color
102, 165, 111

Protanomaly
140, 155, 107

Deuteranomaly
149, 152, 114

Tritanomaly
110, 161, 149

Monochromacy



Original Color
102, 165, 111

Achromatopsia
140, 140, 140

Achromatomaly
126, 149, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 165, 111 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(102, 165, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 165, 111) }
```

Border

The CSS property to change the border of an element to RGB 102, 165, 111 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, 111) }
```

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

```
.border{ border-color:rgb(102, 165, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 165, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 165, 111);  
box-shadow:4px 4px 4px 4px rgb(102, 165,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 102, 165, 111 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, 111) }
```

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

```
.background{ background-color: rgb(102,  
165, 111) }
```

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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