

Converting Colors

RGB(102, 137, 116)

Have a look what the booklet for
RGB(102, 137, 116) contains.

RGB(102, 137, 116)	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, 137, 116)

Conversions

Conversions Part 1

Format	Color
Hex	668974
RGB	102, 137, 116
RGB Percent	40%, 54%, 45%
CMY	0.6000, 0.4627, 0.5451
CMYK	0.26, 0.00, 0.15, 0.46
HSL	144°, 15%, 47%
HSV	144°, 26%, 54%
XYZ	17.5775, 21.9771, 19.8386
YIQ	124.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

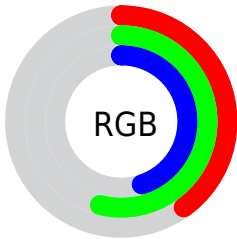
Format	Color
RYB	102, 127, 137
Decimal	6719860
CIELab	54.00, -16.87, 7.31
CIELCh	54, 18.384, 156.565
Yxy	21.9771, 0.2960, 0.3700
Android (android.graphics.Color)	4284909940 (0xFF668974)
YUV	124.1410, -4.0135, -19.4177
Hunter-Lab	46.8797, -15.1109, 7.7254

Details

The RGB color **102, 137, 116** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **137, 102, 123**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **154, 191, 168**, and **54, 87, 68** is the 20% darker color. If you saturate the color by 10%, you get **88, 137, 108**, and if you desaturate by 10%, it is **116, 137, 124**.

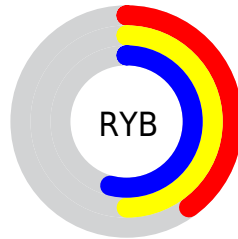
Distribution



Red (40%)

Green (54%)

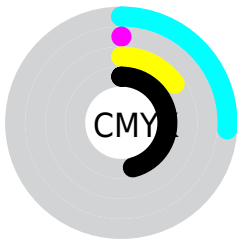
Blue (45%)



Red (40%)

Yellow (50%)

Blue (54%)

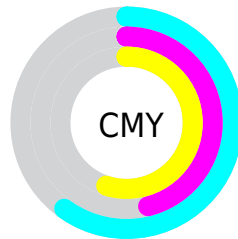


Cyan (26%)

Magenta (0%)

Yellow (15%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 102, 137, 116 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, 137, 116 by changing the saturation by 10% instead.

■ 102, 137, 116

255, 255, 255

■ 154, 191, 168

■ 181, 218, 195

■ 208, 247, 223

■ 237, 255, 252

■ 102, 137, 116

■ 77, 112, 91

■ 54, 87, 68

■ 31, 64, 46

■ 8, 41, 25

■ 0, 22, 0

■ 0, 0, 0

■ 102, 137, 116

■ 88, 137, 108

■ 75, 137, 100

■ 102, 137, 116

■ 116, 137, 124

■ 129, 137, 132

■ 61, 137, 91

■ 143, 137, 141

■ 47, 137, 83

■ 157, 137, 149

■ 34, 137, 75

■ 171, 137, 157

■ 20, 137, 67

■ 184, 137, 165

■ 6, 137, 58

■ 198, 137, 174

■ 0, 137, 55

■ 212, 137, 182

■ 225, 137, 190

Harmonies

Analogous

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



120, 134, 103



102, 137, 116



88, 138, 132

Triad

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



102, 137, 116



115, 129, 160



160, 119, 111

Complementary

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



102, 137, 116



137, 102, 123

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.



161, 118, 126



102, 137, 116



136, 124, 155

Square

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



102, 137, 116



95, 134, 158



153, 119, 142



152, 124, 100

Rectangle

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



102, 137, 116



84, 138, 143



153, 119, 142



162, 119, 116

Sweetspot

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



102, 137, 116



164, 179, 170



123, 137, 102



80, 89, 84



217, 217, 217



89, 89, 89

Same Dimension

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



102, 137, 116



123, 179, 145



102, 137, 133



62, 69, 65



0, 133, 53



0, 5, 2

Inverse Universe

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



137, 102, 123



179, 123, 156



137, 102, 106



69, 62, 66



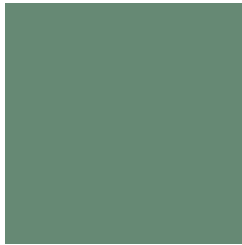
133, 0, 80



5, 0, 3

Previews

White Background



This preview shows how the RGB color 102, 137, 116 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 137, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

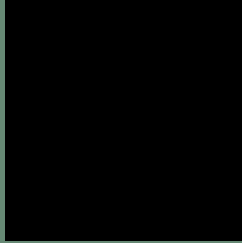
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 102, 137, 116 Background



This preview shows how black text looks on a background with the RGB color 102, 137, 116.



This preview shows how white text looks on a background with the RGB color 102, 137, 116.

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, 137, 116](#)

Protanopia
[135, 128, 112](#)

Deuteranopia
[145, 124, 119](#)



Tritanopia
107, 133, 144

Trichromacy



Original Color
102, 137, 116

Protanomaly
123, 131, 113

Deuteranomaly
129, 129, 118

Tritanomaly
105, 134, 134

Monochromacy



Original Color
102, 137, 116

Achromatopsia
124, 124, 124

Achromatomaly
116, 129, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 102, 137, 116 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, 137, 116)` looks like.

```
.text, #text, p{  
    color:rgb(102, 137, 116)  
}
```

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, 137, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 137, 116) }
```

Border

The CSS property to change the border of an element to RGB 102, 137, 116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

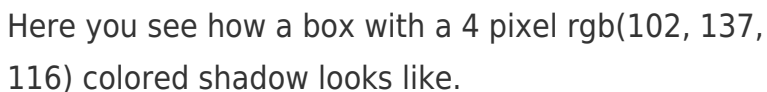
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 137, 116) }
```

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

```
.border{ border-color:rgb(102, 137, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(102, 137, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 137, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 137, 116); box-shadow:4px 4px 4px 4px rgb(102, 137, 116) }
```

Background

The CSS property to change the background color of an element to RGB 102, 137, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 137, 116) }
```

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

```
.background{ background-color: rgb(102,  
137, 116) }
```

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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