

Converting Colors

RGB(103, 141, 104)

Have a look what the booklet for
RGB(103, 141, 104) contains.

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Color

RGB(103, 141, 104)

Conversions

Conversions Part 1

Format	Color
Hex	678D68
RGB	103, 141, 104
RGB Percent	40%, 55%, 41%
CMY	0.5961, 0.4471, 0.5922
CMYK	0.27, 0.00, 0.26, 0.45
HSL	122°, 16%, 48%
HSV	122°, 27%, 55%
XYZ	17.6171, 22.9328, 16.5947
YIQ	125.4200, -10.7710, -19.5630

Conversions

Conversions Part 2

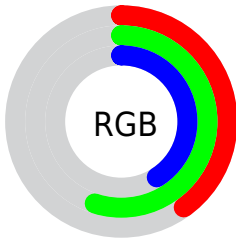
Format	Color
RYB	103, 140, 141
Decimal	6786408
CIELab	55.00, -20.97, 15.59
CIElCh	55, 26.126, 143.371
Yxy	22.9328, 0.3083, 0.4013
Android (android.graphics.Color)	4284976488 (0xFF678D68)
YUV	125.4200, -10.5601, -19.6623
Hunter-Lab	47.8882, -18.1379, 12.9760

Details

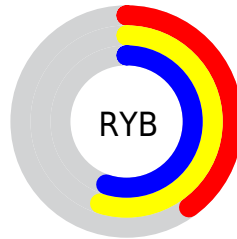
The RGB color `103, 141, 104` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `141, 103, 140`, and the grayscale version is `126, 126, 126`.

A 20% lighter version of the original color is `155, 195, 155`, and `54, 91, 57` is the 20% darker color. If you saturate the color by 10%, you get `89, 141, 90`, and if you desaturate by 10%, it is `117, 141, 118`.

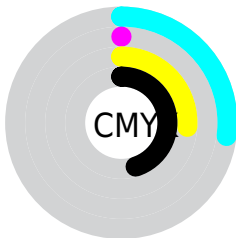
Distribution



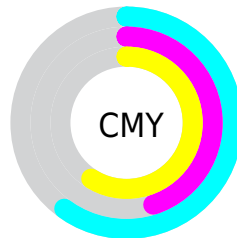
- Red (40%)
- Green (55%)
- Blue (41%)



- Red (40%)
- Yellow (55%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 103, 141, 104 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 103, 141, 104 by changing the saturation by 10% instead.

■ 103, 141, 104

255, 255, 255

■ 155, 195, 155

■ 182, 223, 182

■ 210, 251, 210

■ 238, 255, 238

■ 103, 141, 104

■ 78, 115, 80

■ 54, 91, 57

■ 31, 67, 35

■ 8, 44, 14

■ 0, 26, 0

■ 0, 0, 0

■ 103, 141, 104

■ 89, 141, 90

■ 75, 141, 77

■ 103, 141, 104

■ 117, 141, 118

■ 131, 141, 131

■ 61, 141, 63

■ 145, 141, 145

■ 47, 141, 49

■ 159, 141, 159

■ 32, 141, 35

■ 173, 141, 173

■ 18, 141, 22

■ 188, 141, 186

■ 4, 141, 8

■ 202, 141, 200

■ 0, 141, 4

■ 216, 141, 214

■ 230, 141, 228

Harmonies

Analogous

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



129, 136, 90



103, 141, 104



77, 144, 126

Triad

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



103, 141, 104



94, 135, 176



177, 116, 115

Complementary

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



103, 141, 104



141, 103, 140

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.



173, 115, 138



103, 141, 104



128, 128, 173

Square

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



103, 141, 104



64, 141, 167



156, 120, 159



169, 121, 96

Rectangle

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



103, 141, 104



62, 144, 141



156, 120, 159



177, 115, 122

Sweetspot

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



103, 141, 104



169, 184, 169



140, 141, 103



83, 92, 83



219, 219, 219



92, 92, 92

Same Dimension

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



103, 141, 104



125, 184, 126



103, 141, 123



64, 71, 64



0, 135, 4



0, 8, 0

Inverse Universe

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



141, 103, 140



184, 125, 182



141, 103, 121



71, 64, 71



135, 0, 132



8, 0, 7

Previews

White Background



This preview shows how the RGB color 103, 141, 104 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 103, 141, 104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

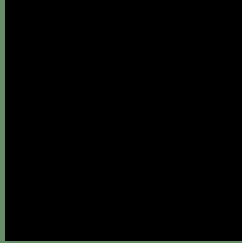
Any Text WCAG AA ✓ Pass

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 103, 141, 104 Background



This preview shows how black text looks on a background with the RGB color 103, 141, 104.

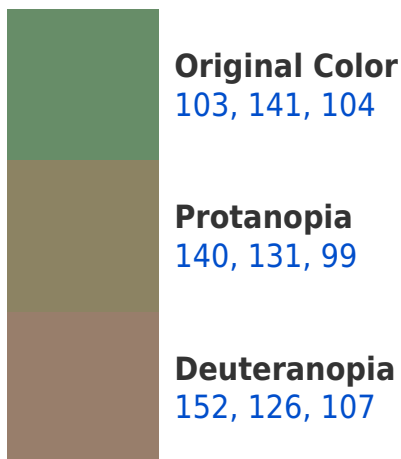


This preview shows how white text looks on a background with the RGB color 103, 141, 104.

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
111, 135, 146

Trichromacy



Original Color

103, 141, 104

Protanomaly

127, 135, 101

Deuteranomaly

134, 131, 106

Tritanomaly

108, 137, 131

Monochromacy



Original Color

103, 141, 104

Achromatopsia

125, 125, 125

Achromatomaly

117, 131, 117

CSS Examples

Text

The CSS property to change the color of the text to RGB 103, 141, 104 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(103, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(103, 141, 104)  
}
```

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(103, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 141, 104) }
```

Border

The CSS property to change the border of an element to RGB 103, 141, 104 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(103, 141, 104) }
```

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

```
.border{ border-color:rgb(103, 141, 104) }
```

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

Here you see how a box with a 4 pixel rgb(103, 141, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(103, 141,  
104) }
```

Background

The CSS property to change the background color of an element to RGB 103, 141, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 141, 104) }
```

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

```
.background{ background-color: rgb(103,  
141, 104) }
```

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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