

Converting Colors

RGB(116, 141, 111)

Have a look what the booklet for
RGB(116, 141, 111) contains.

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Color

RGB(116, 141, 111)

Conversions

Conversions Part 1

Format	Color
Hex	748D6F
RGB	116, 141, 111
RGB Percent	45%, 55%, 44%
CMY	0.5451, 0.4471, 0.5647
CMYK	0.18, 0.00, 0.21, 0.45
HSL	110°, 12%, 49%
HSV	110°, 21%, 55%
XYZ	19.5966, 23.9105, 18.6213
YIQ	130.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

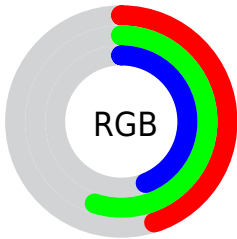
Format	Color
RYB	111, 141, 136
Decimal	7638383
CIELab	56.00, -14.95, 13.12
CIELCh	56, 19.894, 138.738
Yxy	23.9105, 0.3154, 0.3849
Android (android.graphics.Color)	4285828463 (0xFF748D6F)
YUV	130.1050, -9.4188, -12.3701
Hunter-Lab	48.8983, -14.0361, 11.6502

Details

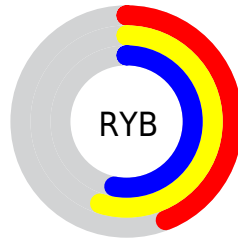
The RGB color **116, 141, 111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **136, 111, 141**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **168, 195, 163**, and **67, 91, 63** is the 20% darker color. If you saturate the color by 10%, you get **104, 141, 97**, and if you desaturate by 10%, it is **128, 141, 125**.

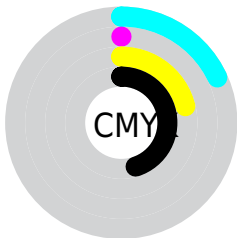
Distribution



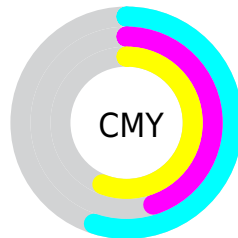
- Red (45%)
- Green (55%)
- Blue (44%)



- Red (44%)
- Yellow (55%)
- Blue (53%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 141, 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 116, 141, 111 by changing the saturation by 10% instead.

 116, 141, 111

255, 255, 255

 168, 195, 163


 196, 223, 190


 224, 251, 218


 252, 255, 246

 116, 141, 111

 104, 141, 97

 93, 141, 83

 116, 141, 111

 91, 115, 87

 67, 91, 63

 45, 67, 41

 23, 45, 20

 0, 25, 0

 0, 0, 0

 116, 141, 111

 128, 141, 125

 139, 141, 139

■ 81, 141, 69

■ 151, 141, 153

■ 69, 141, 55

■ 163, 141, 167

■ 57, 141, 40

■ 175, 141, 182

■ 45, 141, 26

■ 187, 141, 196

■ 34, 141, 12

■ 198, 141, 210

■ 23, 141, 0

■ 210, 141, 224

■ 222, 141, 238

Harmonies

Analogous

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



136, 137, 101



116, 141, 111



97, 144, 127

Triad

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



116, 141, 111



105, 138, 168



170, 122, 124

Complementary

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



116, 141, 111



136, 111, 141

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.



165, 122, 141



116, 141, 111



128, 132, 167

Square

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



116, 141, 111



88, 142, 160



150, 126, 157



165, 125, 109

Rectangle

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



116, 141, 111



88, 144, 139



150, 126, 157



169, 122, 130

Sweetspot

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



116, 141, 111



174, 184, 173



141, 136, 111



86, 92, 85



219, 219, 219



92, 92, 92

Same Dimension

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



116, 141, 111



144, 184, 136



111, 141, 121



65, 71, 64



23, 135, 0



1, 8, 0

Inverse Universe

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



136, 111, 141



176, 136, 184



141, 111, 131



70, 64, 71



113, 0, 135



6, 0, 8

Previews

White Background



This preview shows how the RGB color 116, 141, 111 looks on a white background.

Color Contrast Check

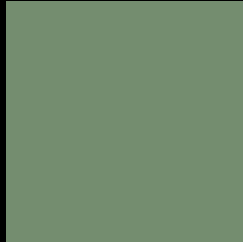
Large Text (above 18pt) WCAG AA ✓ Pass

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 116, 141, 111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

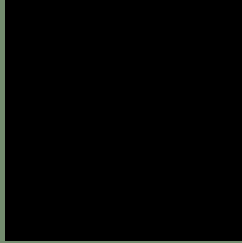
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

RGB 116, 141, 111 Background



This preview shows how black text looks on a background with the RGB color 116, 141, 111.



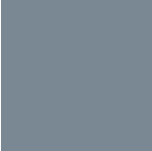
This preview shows how white text looks on a background with the RGB color 116, 141, 111.

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





Tritanopia
122, 136, 147

Trichromacy



Original Color

116, 141, 111

Protanomaly

133, 137, 108

Deuteranomaly

140, 133, 113

Tritanomaly

120, 138, 134

Monochromacy



Original Color

116, 141, 111

Achromatopsia

130, 130, 130

Achromatomaly

125, 134, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 141, 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(116, 141, 111)` looks like.

```
.text, #text, p{  
    color:rgb(116, 141, 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(116, 141, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 141, 111) }
```

Border

The CSS property to change the border of an element to RGB 116, 141, 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(116, 141, 111) }
```

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

```
.border{ border-color:rgb(116, 141, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 141, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 141, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 141, 111);  
box-shadow:4px 4px 4px 4px rgb(116, 141,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 116, 141, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 141, 111) }
```

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

```
.background{ background-color: rgb(116,  
141, 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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