

Converting Colors

RGB(113, 122, 66)

Have a look what the booklet for
RGB(113, 122, 66) contains.

RGB(113, 122, 66)	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(113, 122, 66)

Conversions

Conversions Part 1

Format	Color
Hex	717A42
RGB	113, 122, 66
RGB Percent	44%, 48%, 26%
CMY	0.5569, 0.5216, 0.7412
CMYK	0.07, 0.00, 0.46, 0.52
HSL	70°, 30%, 37%
HSV	70°, 46%, 48%
XYZ	14.7530, 17.8231, 7.8169
YIQ	112.9250, 12.6120, -19.3240

Conversions

Conversions Part 2

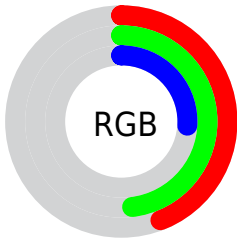
Format	Color
RYB	66, 122, 75
Decimal	7436866
CIELab	49.28, -12.67, 29.43
CIElCh	49, 32.043, 113.298
Yxy	17.8231, 0.3652, 0.4412
Android (android.graphics.Color)	4285626946 (0xFF717A42)
YUV	112.9250, -23.1340, 0.0658
Hunter-Lab	42.2174, -11.5034, 18.5742

Details

The RGB color **113, 122, 66** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **75, 66, 122**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **166, 174, 115**, and **64, 73, 20** is the 20% darker color. If you saturate the color by 10%, you get **111, 122, 54**, and if you desaturate by 10%, it is **115, 122, 78**.

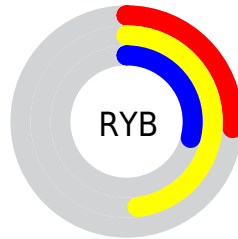
Distribution



Red (44%)

Green (48%)

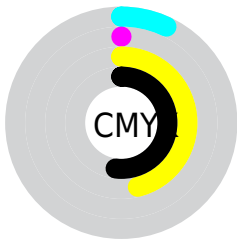
Blue (26%)



Red (26%)

Yellow (48%)

Blue (29%)

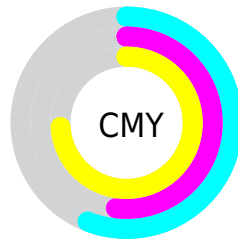


Cyan (7%)

Magenta (0%)

Yellow (46%)

Black (52%)



Cyan (56%)


Magenta (52%)


Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 122, 66 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 113, 122, 66 by changing the saturation by 10% instead.


 113, 122, 66

 113, 122, 66

255, 255, 255

 88, 97, 43

 166, 174, 115

 64, 73, 20


 193, 202, 141

 41, 51, 0

 222, 230, 168

 17, 30, 0


 250, 255, 195


 0, 0, 0

 255, 255, 223

255, 255, 252

 113, 122, 66

 113, 122, 66

 111, 122, 54

 115, 122, 78

■ 109, 122, 42

■ 117, 122, 90

■ 107, 122, 29

■ 119, 122, 103

■ 105, 122, 17

■ 121, 122, 115

■ 103, 122, 5

■ 123, 122, 127

■ 102, 122, 0

■ 125, 122, 139

■ 127, 122, 151

■ 129, 122, 164

■ 131, 122, 176

Harmonies

Analogous

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



140, 113, 63



113, 122, 66



81, 128, 84

Triad

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



113, 122, 66



0, 128, 160



165, 96, 124

Complementary

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



113, 122, 66



75, 66, 122

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.



145, 102, 150



113, 122, 66



63, 122, 171

Square

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



113, 122, 66



0, 131, 138



111, 112, 167



169, 97, 97

Rectangle

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



113, 122, 66



56, 130, 101



111, 112, 167



160, 97, 133

Sweetspot

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



113, 122, 66



155, 158, 136



122, 74, 66



77, 79, 66



207, 207, 207



79, 79, 79

Same Dimension

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



113, 122, 66



144, 158, 71



86, 122, 66



60, 61, 55



105, 125, 0



212, 252, 0

Inverse Universe

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



75, 66, 122



85, 71, 158



102, 66, 122



56, 55, 61



20, 0, 125



41, 0, 252

Previews

White Background



This preview shows how the RGB color 113, 122, 66 looks on a white 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

Black Background



This preview shows how the RGB color 113, 122, 66 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

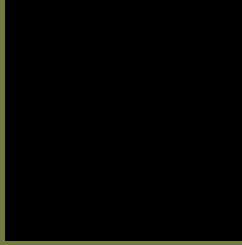
Any Text WCAG AA ✓ Pass

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 113, 122, 66 Background



This preview shows how black text looks on a background with the RGB color 113, 122, 66.



This preview shows how white text looks on a background with the RGB color 113, 122, 66.

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


113, 122, 66

Protanopia

129, 117, 64

Deuteranopia

142, 112, 68



Tritanopia
120, 115, 124

Trichromacy



Original Color

113, 122, 66

Protanomaly

123, 119, 65

Deuteranomaly

131, 116, 67

Tritanomaly

117, 118, 103

Monochromacy



Original Color

113, 122, 66

Achromatopsia

113, 113, 113

Achromatomaly

113, 116, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 122, 66 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(113, 122, 66)` looks like.

```
.text, #text, p{  
    color:rgb(113, 122, 66)  
}
```

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(113, 122, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 122, 66) }
```

Border

The CSS property to change the border of an element to RGB 113, 122, 66 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(113, 122, 66) }
```

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

```
.border{ border-color:rgb(113, 122, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 122, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 122, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 122, 66);  
box-shadow:4px 4px 4px 4px rgb(113, 122,  
66) }
```

Background

The CSS property to change the background color of an element to RGB 113, 122, 66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 122, 66) }
```

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

```
.background{ background-color: rgb(113,  
122, 66) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor