

Converting Colors

RGB(113, 161, 112)

Have a look what the booklet for
RGB(113, 161, 112) contains.

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Color

RGB(113, 161, 112)

Conversions

Conversions Part 1

Format	Color
Hex	71A170
RGB	113, 161, 112
RGB Percent	44%, 63%, 44%
CMY	0.5569, 0.3686, 0.5608
CMYK	0.30, 0.00, 0.30, 0.37
HSL	119°, 21%, 54%
HSV	119°, 30%, 63%
XYZ	22.4796, 30.1703, 19.9679
YIQ	141.0620, -12.8790, -25.4150

Conversions

Conversions Part 2

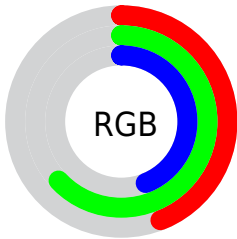
Format	Color
RYB	112, 161, 160
Decimal	7446896
CIELab	61.80, -26.14, 20.51
CIELCh	62, 33.226, 141.879
Yxy	30.1703, 0.3096, 0.4155
Android (android.graphics.Color)	4285636976 (0xFF71A170)
YUV	141.0620, -14.3276, -24.6104
Hunter-Lab	54.9275, -23.0705, 16.8955

Details

The RGB color **113, 161, 112** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **160, 112, 161**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **166, 216, 164**, and **63, 109, 64** is the 20% darker color. If you saturate the color by 10%, you get **97, 161, 96**, and if you desaturate by 10%, it is **129, 161, 128**.

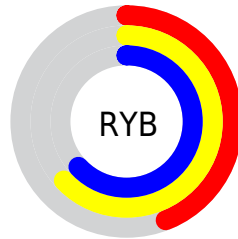
Distribution



Red (44%)

Green (63%)

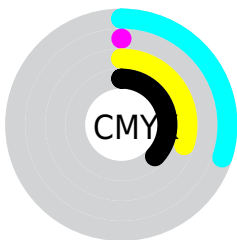
Blue (44%)



Red (44%)

Yellow (63%)

Blue (63%)

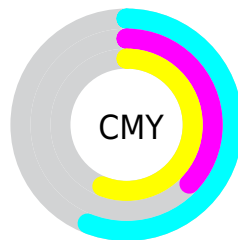


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 161, 112 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, 161, 112 by changing the saturation by 10% instead.

 113, 161, 112

255, 255, 255

 166, 216, 164

 194, 245, 191

 222, 255, 219

 251, 255, 248

 113, 161, 112

 88, 135, 87

 63, 109, 64

 38, 84, 41


 12, 61, 20

 0, 39, 0


 0, 12, 0

 0, 0, 0

 113, 161, 112

 97, 161, 96

 113, 161, 112

 129, 161, 128

■ 81, 161, 80

■ 145, 161, 144

■ 66, 161, 64

■ 160, 161, 160

■ 50, 161, 48

■ 176, 161, 176

■ 34, 161, 31

■ 192, 161, 193

■ 18, 161, 15

■ 208, 161, 209

■ 3, 161, 0

■ 223, 161, 225

■ 239, 161, 241

■ 255, 161, 255

Harmonies

Analogous

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



147, 154, 94



113, 161, 112



75, 165, 140

Triad

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



113, 161, 112



94, 155, 207



207, 128, 129

Complementary

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



113, 161, 112



160, 112, 161

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.



201, 127, 159



113, 161, 112



141, 145, 204

Square

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



113, 161, 112



45, 162, 195



179, 134, 186



197, 135, 104

Rectangle

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



113, 161, 112



49, 165, 160



179, 134, 186



207, 127, 139

Sweetspot

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



113, 161, 112



191, 209, 190



161, 159, 112



93, 105, 93



232, 232, 232



105, 105, 105

Same Dimension

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



113, 161, 112



133, 209, 132



112, 161, 135



74, 82, 73



3, 145, 0



0, 18, 0

Inverse Universe

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



160, 112, 161



208, 132, 209



161, 112, 138



81, 73, 82



142, 0, 145



17, 0, 18

Previews

White Background



This preview shows how the RGB color 113, 161, 112 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 113, 161, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

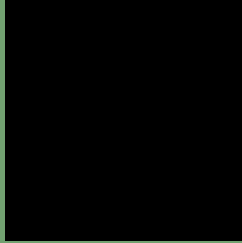
Any Text WCAG AA ✓ Pass

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 113, 161, 112 Background



This preview shows how black text looks on a background with the RGB color 113, 161, 112.

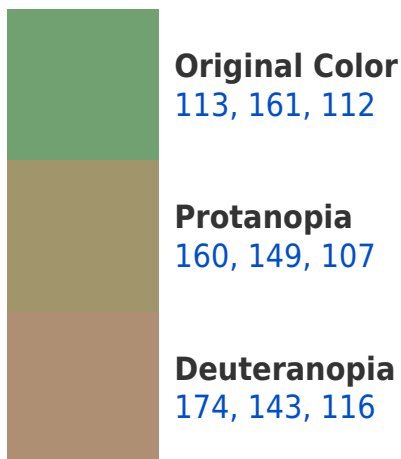


This preview shows how white text looks on a background with the RGB color 113, 161, 112.

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
123, 154, 166

Trichromacy



Original Color
113, 161, 112

Protanomaly
143, 153, 109

Deuteranomaly
152, 150, 115

Tritanomaly
119, 157, 146

Monochromacy



Original Color
113, 161, 112

Achromatopsia
141, 141, 141

Achromatomaly
131, 148, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 161, 112 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, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 112)  
}
```

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, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 112) }
```

Border

The CSS property to change the border of an element to RGB 113, 161, 112 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, 161, 112) }
```

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

```
.border{ border-color:rgb(113, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 113, 161, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 112) }
```

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

```
.background{ background-color: rgb(113,  
161, 112) }
```

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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