

Converting Colors

RGB(112, 155, 102)

Have a look what the booklet for
RGB(112, 155, 102) contains.

RGB(112, 155, 102)	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(112, 155, 102)

Conversions

Conversions Part 1

Format	Color
Hex	709B66
RGB	112, 155, 102
RGB Percent	44%, 61%, 40%
CMY	0.5608, 0.3922, 0.6000
CMYK	0.28, 0.00, 0.34, 0.39
HSL	109°, 21%, 50%
HSV	109°, 34%, 61%
XYZ	20.8017, 27.8467, 16.8490
YIQ	136.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

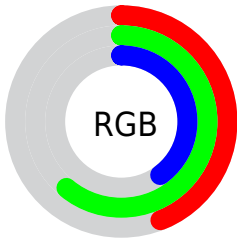
Format	Color
RYB	102, 155, 145
Decimal	7379814
CIELab	59.75, -25.19, 23.23
CIELCh	60, 34.267, 137.321
Yxy	27.8467, 0.3176, 0.4252
Android (android.graphics.Color)	4285569894 (0xFF709B66)
YUV	136.1010, -16.8118, -21.1366
Hunter-Lab	52.7700, -21.9836, 18.0083

Details

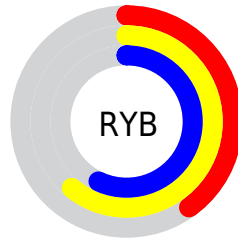
The RGB color `112, 155, 102` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `145, 102, 155`, and the grayscale version is `136, 136, 136`.

A 20% lighter version of the original color is `165, 210, 153`, and `62, 104, 54` is the 20% darker color. If you saturate the color by 10%, you get `99, 155, 87`, and if you desaturate by 10%, it is `125, 155, 118`.

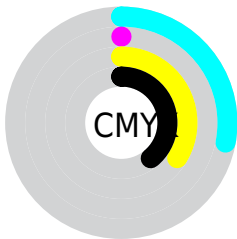
Distribution



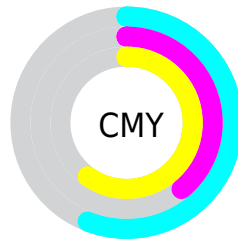
- Red (44%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (57%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)




- Cyan (56%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 155, 102 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 112, 155, 102 by changing the saturation by 10% instead.

 112, 155, 102


255, 255, 255


 165, 210, 153


 192, 238, 180


 221, 255, 208


 249, 255, 236

 112, 155, 102

 87, 129, 78

 62, 104, 54

 38, 79, 32

 13, 56, 10


 0, 35, 0


 0, 0, 0

 112, 155, 102


 99, 155, 87

 87, 155, 71


 112, 155, 102


 125, 155, 118


 137, 155, 133

 74, 155, 56

 150, 155, 149


 62, 155, 40

 162, 155, 164


 49, 155, 25


 175, 155, 180

 37, 155, 9

 187, 155, 195

 29, 155, 0

 200, 155, 211

 213, 155, 226

 225, 155, 242

Harmonies

Analogous

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



146, 148, 85



112, 155, 102



72, 159, 130

Triad

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



112, 155, 102



76, 151, 202



203, 121, 127

Complementary

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



112, 155, 102



145, 102, 155

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.



194, 122, 158



112, 155, 102



128, 141, 201

Square

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



112, 155, 102



9, 157, 187



169, 130, 185



195, 127, 101

Rectangle

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



112, 155, 102



41, 160, 151



169, 130, 185



202, 120, 138

Sweetspot

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



112, 155, 102



185, 201, 181



155, 144, 102



92, 102, 90



230, 230, 230



102, 102, 102

Same Dimension

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



112, 155, 102



134, 201, 119



102, 155, 118



70, 77, 69



26, 140, 0



2, 13, 0

Inverse Universe

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



145, 102, 155



186, 119, 201



155, 102, 139



75, 69, 77



114, 0, 140



10, 0, 13

Previews

White Background



This preview shows how the RGB color 112, 155, 102 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 112, 155, 102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

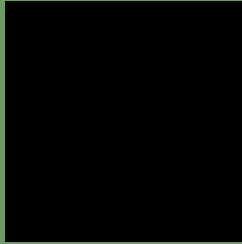
Any Text WCAG AA ✓ Pass

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 112, 155, 102 Background



This preview shows how black text looks on a background with the RGB color 112, 155, 102.

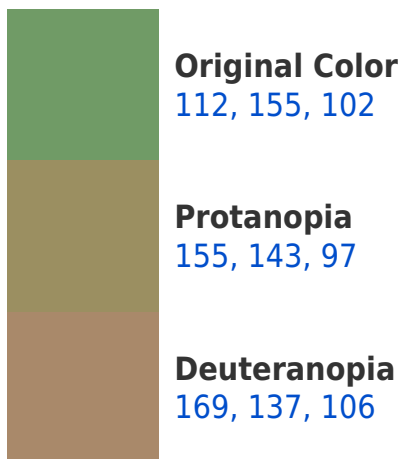


This preview shows how white text looks on a background with the RGB color 112, 155, 102.

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, 148, 160

Trichromacy



Original Color

112, 155, 102

Protanomaly

139, 147, 99

Deuteranomaly

148, 144, 105

Tritanomaly

118, 151, 139

Monochromacy



Original Color

112, 155, 102

Achromatopsia

136, 136, 136

Achromatomaly

127, 143, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 155, 102 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(112, 155, 102)` looks like.

```
.text, #text, p{  
    color:rgb(112, 155, 102)  
}
```

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(112, 155, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 155, 102) }
```

Border

The CSS property to change the border of an element to RGB 112, 155, 102 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(112, 155, 102) }
```

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

```
.border{ border-color:rgb(112, 155, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 155, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 155, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 155, 102);  
box-shadow:4px 4px 4px 4px rgb(112, 155,  
102) }
```

Background

The CSS property to change the background color of an element to RGB 112, 155, 102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 155, 102) }
```

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

```
.background{ background-color: rgb(112,  
155, 102) }
```

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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