

Converting Colors

RGB(122, 158, 113)

Have a look what the booklet for
RGB(122, 158, 113) contains.

RGB(122, 158, 113)	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(122, 158, 113)

Conversions

Conversions Part 1

Format	Color
Hex	7A9E71
RGB	122, 158, 113
RGB Percent	48%, 62%, 44%
CMY	0.5216, 0.3804, 0.5569
CMYK	0.23, 0.00, 0.28, 0.38
HSL	108°, 19%, 53%
HSV	108°, 28%, 62%
XYZ	23.2335, 29.7835, 20.1470
YIQ	142.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

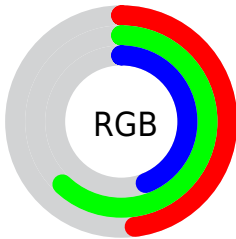
Format	Color
RYB	113, 158, 149
Decimal	8035953
CIELab	61.47, -21.28, 19.60
CIElCh	61, 28.929, 137.359
Yxy	29.7835, 0.3176, 0.4071
Android (android.graphics.Color)	4286226033 (0xFF7A9E71)
YUV	142.1060, -14.3493, -17.6330
Hunter-Lab	54.5743, -19.5135, 16.3141

Details

The RGB color **122, 158, 113** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **149, 113, 158**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **175, 213, 165**, and **72, 106, 65** is the 20% darker color. If you saturate the color by 10%, you get **109, 158, 97**, and if you desaturate by 10%, it is **135, 158, 129**.

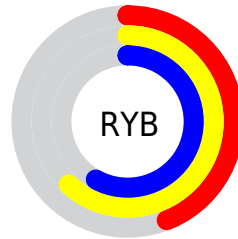
Distribution



Red (48%)

Green (62%)

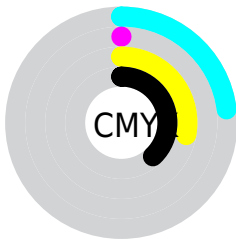
Blue (44%)



Red (44%)

Yellow (62%)

Blue (58%)

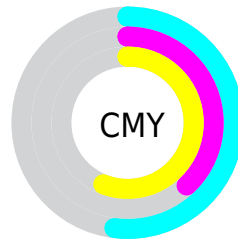


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (38%)



Cyan (52%)


Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 158, 113 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 122, 158, 113 by changing the saturation by 10% instead.

 122, 158, 113

255, 255, 255


 175, 213, 165


 203, 241, 192


 231, 255, 220


 255, 255, 249

 122, 158, 113

 109, 158, 97

 122, 158, 113

 97, 132, 88

 72, 106, 65

 48, 82, 42


 25, 59, 21

 6, 37, 0

 0, 10, 0

 0, 0, 0

 122, 158, 113

 135, 158, 129

■ 97, 158, 81

■ 147, 158, 145

■ 84, 158, 66

■ 160, 158, 160

■ 71, 158, 50

■ 173, 158, 176

■ 59, 158, 34

■ 185, 158, 192

■ 46, 158, 18

■ 198, 158, 208

■ 34, 158, 2

■ 210, 158, 224

■ 32, 158, 0

■ 223, 158, 239

■ 236, 158, 255

Harmonies

Analogous

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



151, 152, 99



122, 158, 113



92, 162, 136

Triad

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



122, 158, 113



98, 154, 198



199, 130, 134

Complementary

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



122, 158, 113



149, 113, 158

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.



192, 130, 160



122, 158, 113



137, 146, 197

Square

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



122, 158, 113



67, 160, 185



170, 137, 183



193, 135, 112

Rectangle

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



122, 158, 113



73, 163, 154



170, 137, 183



199, 129, 143

Sweetspot

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



122, 158, 113



192, 207, 188



158, 149, 113



95, 105, 93



232, 232, 232



105, 105, 105

Same Dimension

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



122, 158, 113



150, 207, 136



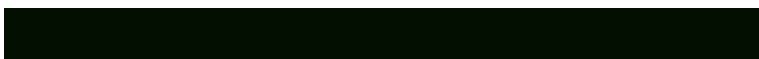
113, 158, 127



73, 79, 71



29, 143, 0



3, 15, 0

Inverse Universe

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



149, 113, 158



193, 136, 207



158, 113, 145



77, 71, 79



114, 0, 143



12, 0, 15

Previews

White Background



This preview shows how the RGB color 122, 158, 113 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 122, 158, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

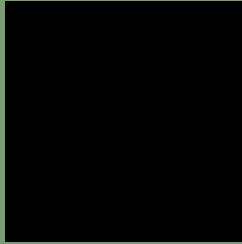
Any Text WCAG AA ✓ Pass

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 122, 158, 113 Background



This preview shows how black text looks on a background with the RGB color 122, 158, 113.

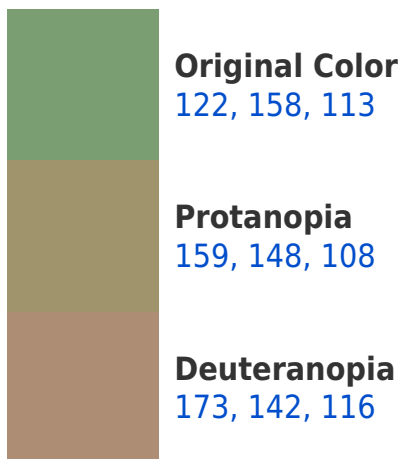


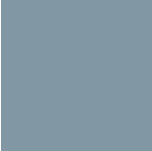
This preview shows how white text looks on a background with the RGB color 122, 158, 113.

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
130, 151, 164

Trichromacy



Original Color
122, 158, 113

Protanomaly
146, 152, 110

Deuteranomaly
154, 148, 115

Tritanomaly
127, 154, 145

Monochromacy



Original Color
122, 158, 113

Achromatopsia
142, 142, 142

Achromatomaly
135, 148, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 158, 113 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(122, 158, 113)` looks like.

```
.text, #text, p{  
    color:rgb(122, 158, 113)  
}
```

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(122, 158, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 158, 113) }
```

Border

The CSS property to change the border of an element to RGB 122, 158, 113 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(122, 158, 113) }
```

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

```
.border{ border-color:rgb(122, 158, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 158, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 158, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 158, 113);  
box-shadow:4px 4px 4px 4px rgb(122, 158,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 122, 158, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 158, 113) }
```

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

```
.background{ background-color: rgb(122,  
158, 113) }
```

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