

Converting Colors

RGB(122, 182, 106)

Have a look what the booklet for
RGB(122, 182, 106) contains.

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Color

RGB(122, 182, 106)

Conversions

Conversions Part 1

Format	Color
Hex	7AB66A
RGB	122, 182, 106
RGB Percent	48%, 71%, 42%
CMY	0.5216, 0.2863, 0.5843
CMYK	0.33, 0.00, 0.42, 0.29
HSL	107°, 34%, 56%
HSV	107°, 42%, 71%
XYZ	27.3555, 38.6341, 19.6510
YIQ	155.3960, -11.3640, -36.3560

Conversions

Conversions Part 2

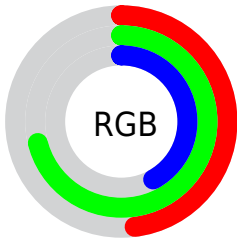
Format	Color
RYB	106, 182, 166
Decimal	8042090
CIELab	68.49, -34.04, 32.64
CIELCh	68, 47.161, 136.203
Yxy	38.6341, 0.3194, 0.4511
Android (android.graphics.Color)	4286232170 (0xFF7AB66A)
YUV	155.3960, -24.3522, -29.2883
Hunter-Lab	62.1563, -30.2142, 24.7646

Details

The RGB color **122, 182, 106** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **166, 106, 182**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **177, 238, 158**, and **70, 129, 57** is the 20% darker color. If you saturate the color by 10%, you get **108, 182, 88**, and if you desaturate by 10%, it is **136, 182, 124**.

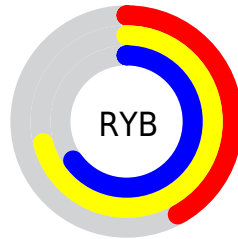
Distribution



Red (48%)

Green (71%)

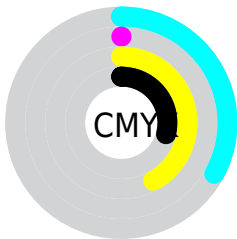
Blue (42%)



Red (42%)

Yellow (71%)

Blue (65%)

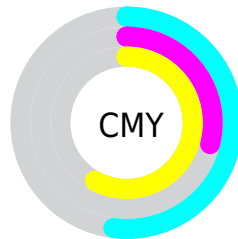


Cyan (33%)

Magenta (0%)

Yellow (42%)

Black (29%)



Cyan (52%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 182, 106 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, 182, 106 by changing the saturation by 10% instead.

 122, 182, 106


255, 255, 255


 177, 238, 158


 205, 255, 186


 233, 255, 213

 255, 255, 242

 122, 182, 106

 96, 155, 81

 70, 129, 57

 43, 103, 33

 13, 79, 8


 0, 55, 0

 0, 35, 0

 0, 0, 0


 122, 182, 106


 108, 182, 88

 122, 182, 106

 136, 182, 124

 93, 182, 70


 151, 182, 142

 79, 182, 51

 165, 182, 161

 65, 182, 33

 179, 182, 179

 50, 182, 15


 194, 182, 197

 38, 182, 0

 208, 182, 215

 223, 182, 233

 237, 182, 252

 251, 182, 255

Harmonies

Analogous

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



170, 172, 82



122, 182, 106



54, 188, 145

Triad

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



122, 182, 106



30, 177, 249



248, 132, 145

Complementary

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



122, 182, 106



166, 106, 182

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.



236, 134, 189



122, 182, 106



139, 163, 249

Square

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



122, 182, 106



0, 186, 227



200, 147, 226



238, 142, 107

Rectangle

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



122, 182, 106



0, 189, 175



200, 147, 226



247, 131, 160

Sweetspot

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



122, 182, 106



213, 237, 206



182, 166, 106



105, 120, 101



247, 247, 247



120, 120, 120

Same Dimension

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



122, 182, 106



144, 237, 119



106, 182, 128



85, 92, 83



33, 156, 0



6, 28, 0

Inverse Universe

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



166, 106, 182



212, 119, 237



182, 106, 160



90, 83, 92



123, 0, 156



22, 0, 28

Previews

White Background



This preview shows how the RGB color 122, 182, 106 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 122, 182, 106 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 122, 182, 106 Background



This preview shows how black text looks on a background with the RGB color 122, 182, 106.



This preview shows how white text looks on a background with the RGB color 122, 182, 106.

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
122, 182, 106

Protanopia
182, 166, 100

Deuteranopia
199, 159, 111



Tritanopia
136, 173, 186

Trichromacy



Original Color
122, 182, 106

Protanomaly
160, 172, 102

Deuteranomaly
171, 167, 109

Tritanomaly
131, 176, 157

Monochromacy



Original Color
122, 182, 106

Achromatopsia
155, 155, 155

Achromatomaly
143, 165, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 182, 106 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, 182, 106)` looks like.

```
.text, #text, p{  
    color:rgb(122, 182, 106)  
}
```

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, 182, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 182, 106) }
```

Border

The CSS property to change the border of an element to RGB 122, 182, 106 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, 182, 106) }
```

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

```
.border{ border-color:rgb(122, 182, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 182, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 182, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 182, 106);  
box-shadow:4px 4px 4px 4px rgb(122, 182,  
106) }
```

Background

The CSS property to change the background color of an element to RGB 122, 182, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 182, 106) }
```

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

```
.background{ background-color: rgb(122,  
182, 106) }
```

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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