

Converting Colors

RGB(114, 183, 130)

Have a look what the booklet for
RGB(114, 183, 130) contains.

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Color

RGB(114, 183, 130)

Conversions

Conversions Part 1

Format	Color
Hex	72B782
RGB	114, 183, 130
RGB Percent	45%, 72%, 51%
CMY	0.5529, 0.2824, 0.4902
CMYK	0.38, 0.00, 0.29, 0.28
HSL	134°, 32%, 58%
HSV	134°, 38%, 72%
XYZ	27.9022, 39.0561, 27.1871
YIQ	156.3270, -24.1110, -31.1110

Conversions

Conversions Part 2

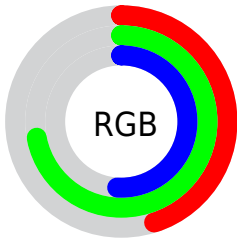
Format	Color
RYB	114, 170, 183
Decimal	7518082
CIELab	68.79, -33.18, 20.25
CIELCh	69, 38.871, 148.599
Yxy	39.0561, 0.2964, 0.4148
Android (android.graphics.Color)	4285708162 (0xFF72B782)
YUV	156.3270, -12.9792, -37.1208
Hunter-Lab	62.4949, -29.6708, 17.9535

Details

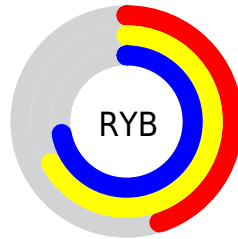
The RGB color **114, 183, 130** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 114, 167**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **168, 239, 183**, and **62, 130, 80** is the 20% darker color. If you saturate the color by 10%, you get **96, 183, 116**, and if you desaturate by 10%, it is **132, 183, 144**.

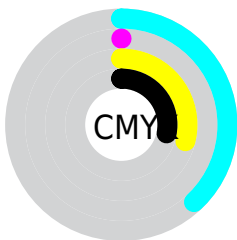
Distribution



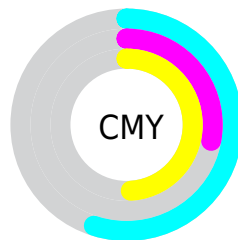
- Red (45%)
- Green (72%)
- Blue (51%)



- Red (45%)
- Yellow (67%)
- Blue (72%)



- Cyan (38%)
- Magenta (0%)
- Yellow (29%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 183, 130 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 114, 183, 130 by changing the saturation by 10% instead.

 114, 183, 130


255, 255, 255


 168, 239, 183

 196, 255, 211


 225, 255, 239


254, 255, 255


 114, 183, 130

 96, 183, 116

 114, 183, 130

 88, 156, 105

 62, 130, 80

 34, 104, 57

 0, 79, 35


 0, 56, 13


 0, 35, 0


 0, 0, 0

 114, 183, 130


 132, 183, 144

 77, 183, 102

 151, 183, 158

 59, 183, 88


 169, 183, 172


 41, 183, 74


 187, 183, 186


 23, 183, 60

 206, 183, 200

 4, 183, 46

 224, 183, 214

 0, 183, 42

 242, 183, 228

 255, 183, 242

 255, 183, 255

Harmonies

Analogous

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



156, 176, 105



114, 183, 130



63, 186, 165

Triad

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



114, 183, 130



112, 172, 238



235, 143, 136

Complementary

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



114, 183, 130



183, 114, 167

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.



233, 140, 171



114, 183, 130



169, 159, 230

Square

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



114, 183, 130



41, 181, 227



210, 147, 205



220, 153, 109

Rectangle

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



114, 183, 130



12, 186, 189



210, 147, 205



236, 141, 147

Sweetspot

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



114, 183, 130



211, 237, 217



168, 183, 114



104, 120, 108



247, 247, 247



120, 120, 120

Same Dimension

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



114, 183, 130



130, 237, 155



114, 183, 163



83, 92, 85



0, 156, 36



0, 28, 7

Inverse Universe

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



183, 114, 167



237, 130, 212



183, 114, 134



92, 83, 90



156, 0, 119



28, 0, 22

Previews

White Background



This preview shows how the RGB color 114, 183, 130 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 114, 183, 130 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 114, 183, 130 Background



This preview shows how black text looks on a background with the RGB color 114, 183, 130.

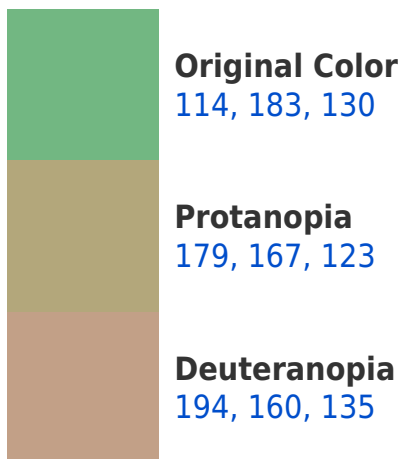


This preview shows how white text looks on a background with the RGB color 114, 183, 130.

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
126, 175, 189

Trichromacy



Original Color

114, 183, 130



Protanomaly

155, 173, 126



Deuteranomaly

165, 168, 133



Tritanomaly

122, 178, 168

Monochromacy



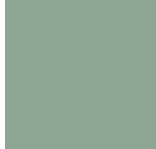
Original Color

114, 183, 130



Achromatopsia

156, 156, 156



Achromatomaly

141, 166, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 183, 130 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(114, 183, 130)` looks like.

```
.text, #text, p{  
    color:rgb(114, 183, 130)  
}
```

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(114, 183, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 183, 130) }
```

Border

The CSS property to change the border of an element to RGB 114, 183, 130 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(114, 183, 130) }
```

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

```
.border{ border-color:rgb(114, 183, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 183, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 183, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 183, 130);  
box-shadow:4px 4px 4px 4px rgb(114, 183,  
130) }
```

Background

The CSS property to change the background color of an element to RGB 114, 183, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 183, 130) }
```

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

```
.background{ background-color: rgb(114,  
183, 130) }
```

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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