

Converting Colors

RGB(114, 186, 115)

Have a look what the booklet for
RGB(114, 186, 115) contains.

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Color

RGB(114, 186, 115)

Conversions

Conversions Part 1

Format	Color
Hex	72BA73
RGB	114, 186, 115
RGB Percent	45%, 73%, 45%
CMY	0.5529, 0.2706, 0.5490
CMYK	0.39, 0.00, 0.38, 0.27
HSL	121°, 34%, 59%
HSV	121°, 39%, 73%
XYZ	27.5928, 39.9330, 22.4732
YIQ	156.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

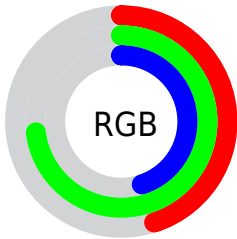
Format	Color
RYB	114, 185, 186
Decimal	7518835
CIELab	69.42, -37.13, 29.08
CIElCh	69, 47.161, 141.925
Yxy	39.9330, 0.3066, 0.4437
Android (android.graphics.Color)	4285708915 (0xFF72BA73)
YUV	156.3780, -20.3994, -37.1655
Hunter-Lab	63.1926, -32.6455, 23.1495

Details

The RGB color **114, 186, 115** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **186, 114, 185**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **169, 243, 168**, and **61, 132, 66** is the 20% darker color. If you saturate the color by 10%, you get **95, 186, 97**, and if you desaturate by 10%, it is **133, 186, 133**.

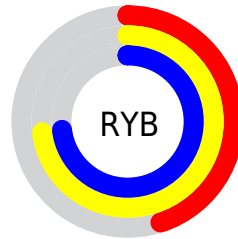
Distribution



Red (45%)

Green (73%)

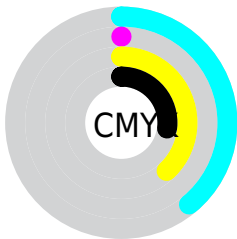
Blue (45%)



Red (45%)

Yellow (73%)

Blue (73%)

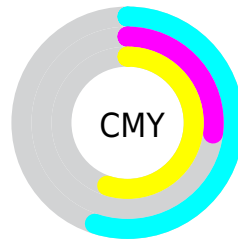


Cyan (39%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 114, 186, 115 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, 186, 115 by changing the saturation by 10% instead.

 114, 186, 115


255, 255, 255

 169, 243, 168


 197, 255, 195


 226, 255, 223


255, 255, 252

 114, 186, 115

 95, 186, 97

 114, 186, 115

 87, 159, 90

 61, 132, 66

 32, 107, 42

 0, 82, 19


 0, 58, 0


 0, 37, 0


 0, 0, 0


 114, 186, 115


 133, 186, 133

 77, 186, 78


 151, 186, 152

 58, 186, 60


 170, 186, 170

 40, 186, 42


 188, 186, 188

 21, 186, 23

 207, 186, 207

 2, 186, 5

 226, 186, 225

 0, 186, 3

 244, 186, 243

 255, 186, 255

Harmonies

Analogous

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



164, 177, 87



114, 186, 115



34, 191, 156

Triad

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



114, 186, 115



67, 177, 254



251, 136, 140

Complementary

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



114, 186, 115



186, 114, 185

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.



243, 135, 183



114, 186, 115



155, 163, 249

Square

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



114, 186, 115



0, 187, 236



211, 146, 223



236, 148, 104

Rectangle

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



114, 186, 115



0, 192, 186



211, 146, 223



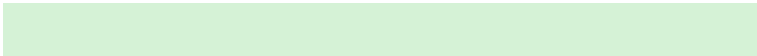
251, 134, 154

Sweetspot

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



114, 186, 115



213, 242, 214



186, 186, 114



105, 122, 106



250, 250, 250



122, 122, 122

Same Dimension

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



114, 186, 115



131, 242, 132



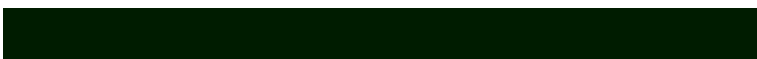
114, 186, 150



83, 92, 83



0, 156, 2



0, 28, 0

Inverse Universe

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



186, 114, 185



242, 131, 241



186, 114, 150



92, 83, 92



156, 0, 153



28, 0, 28

Previews

White Background



This preview shows how the RGB color 114, 186, 115 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, 186, 115 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, 186, 115 Background



This preview shows how black text looks on a background with the RGB color 114, 186, 115.

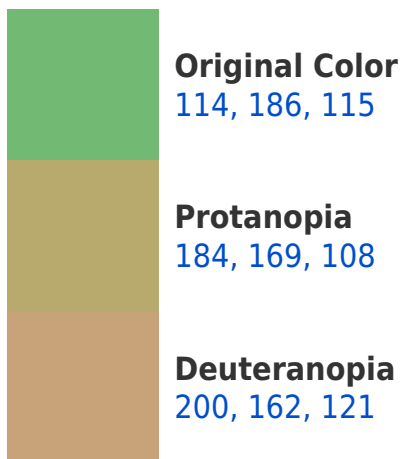


This preview shows how white text looks on a background with the RGB color 114, 186, 115.

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
129, 177, 191

Trichromacy



Original Color

114, 186, 115



Protanomaly

159, 175, 111



Deuteranomaly

169, 171, 119



Tritanomaly

124, 180, 163

Monochromacy



Original Color

114, 186, 115



Achromatopsia

156, 156, 156



Achromatomaly

141, 167, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 114, 186, 115 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, 186, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 186, 115)  
}
```

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, 186, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 186, 115) }
```

Border

The CSS property to change the border of an element to RGB 114, 186, 115 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, 186, 115) }
```

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

```
.border{ border-color:rgb(114, 186, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 186, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 186, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 186, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 186,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 114, 186, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 186, 115) }
```

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

```
.background{ background-color: rgb(114,  
186, 115) }
```

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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