

Converting Colors

RGB(115, 194, 121)

Have a look what the booklet for
RGB(115, 194, 121) contains.

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Color

RGB(115, 194, 121)

Conversions

Conversions Part 1

Format	Color
Hex	73C279
RGB	115, 194, 121
RGB Percent	45%, 76%, 47%
CMY	0.5490, 0.2392, 0.5255
CMYK	0.41, 0.00, 0.38, 0.24
HSL	125°, 39%, 61%
HSV	125°, 41%, 76%
XYZ	29.8132, 43.6089, 24.9352
YIQ	162.0570, -23.6510, -39.4510

Conversions

Conversions Part 2

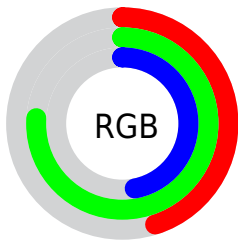
Format	Color
RYB	115, 188, 194
Decimal	7586425
CIELab	71.97, -39.44, 29.30
CIELCh	72, 49.135, 143.388
Yxy	43.6089, 0.3031, 0.4434
Android (android.graphics.Color)	4285776505 (0xFF73C279)
YUV	162.0570, -20.2411, -41.2690
Hunter-Lab	66.0370, -34.9788, 23.8384

Details

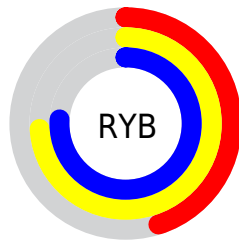
The RGB color **115, 194, 121** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **194, 115, 188**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **170, 251, 174**, and **61, 140, 71** is the 20% darker color. If you saturate the color by 10%, you get **96, 194, 103**, and if you desaturate by 10%, it is **134, 194, 139**.

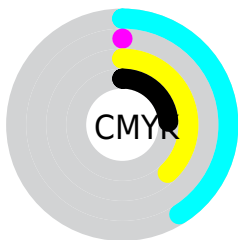
Distribution



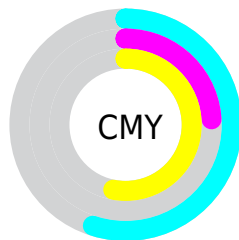
- Red (45%)
- Green (76%)
- Blue (47%)



- Red (45%)
- Yellow (74%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 194, 121 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 115, 194, 121 by changing the saturation by 10% instead.

 115, 194, 121

255, 255, 255


 170, 251, 174


 198, 255, 202


 227, 255, 230

 115, 194, 121

 88, 166, 96

 61, 140, 71

 31, 114, 48

 0, 89, 25


 0, 64, 0


 0, 42, 0

 0, 13, 0


 0, 0, 0


 115, 194, 121

 115, 194, 121


 96, 194, 103

 134, 194, 139

 76, 194, 85

 154, 194, 157


 57, 194, 67


 173, 194, 175


 37, 194, 49


 193, 194, 193

 18, 194, 31

 212, 194, 211

 0, 194, 15

 231, 194, 229

 251, 194, 246

 255, 194, 255

Harmonies

Analogous

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



168, 184, 91



115, 194, 121



20, 199, 165

Triad

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



115, 194, 121



73, 184, 255



255, 142, 143

Complementary

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



115, 194, 121



194, 115, 188

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.



255, 140, 188



115, 194, 121



165, 169, 255

Square

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



115, 194, 121



0, 194, 247



223, 151, 230



245, 154, 106

Rectangle

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



115, 194, 121



0, 200, 196



223, 151, 230



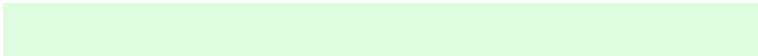
255, 139, 158

Sweetspot

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



115, 194, 121



222, 252, 224



189, 194, 115



110, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



115, 194, 121



129, 252, 138



115, 194, 160



87, 97, 88



0, 161, 12



0, 33, 3

Inverse Universe

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



194, 115, 188



252, 129, 243



194, 115, 149



97, 87, 96



161, 0, 148



33, 0, 31

Previews

White Background



This preview shows how the RGB color 115, 194, 121 looks on a white background.

Color Contrast Check

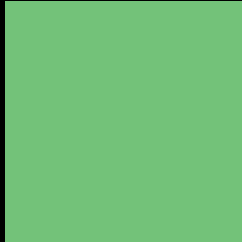
Large Text (above 18pt) WCAG AA × Fail

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 115, 194, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

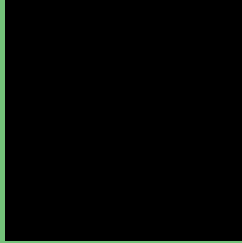
Any Text WCAG AA ✓ Pass

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 115, 194, 121 Background



This preview shows how black text looks on a background with the RGB color 115, 194, 121.



This preview shows how white text looks on a background with the RGB color 115, 194, 121.

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](#).

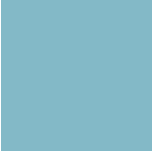
Dichromacy



Original Color
115, 194, 121

Protanopia
191, 175, 113

Deuteranopia
208, 168, 127



Tritanopia
131, 185, 199

Trichromacy



Original Color

115, 194, 121



Protanomaly

163, 182, 116



Deuteranomaly

174, 177, 125



Tritanomaly

125, 188, 171

Monochromacy



Original Color

115, 194, 121



Achromatopsia

162, 162, 162



Achromatomaly

145, 174, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 194, 121 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(115, 194, 121)` looks like.

```
.text, #text, p{  
    color:rgb(115, 194, 121)  
}
```

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(115, 194, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 194, 121) }
```

Border

The CSS property to change the border of an element to RGB 115, 194, 121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

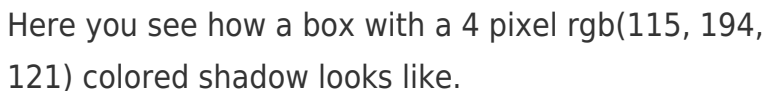
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 194, 121) }
```

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

```
.border{ border-color:rgb(115, 194, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 194, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 194, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 194, 121); box-shadow:4px 4px 4px 4px rgb(115, 194, 121) }
```

Background

The CSS property to change the background color of an element to RGB 115, 194, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 194, 121) }
```

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

```
.background{ background-color: rgb(115,  
194, 121) }
```

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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