

Converting Colors

RGB(115, 195, 129)

Have a look what the booklet for
RGB(115, 195, 129) contains.

RGB(115, 195, 129)	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(115, 195, 129)

Conversions

Conversions Part 1

Format	Color
Hex	73C381
RGB	115, 195, 129
RGB Percent	45%, 76%, 51%
CMY	0.5490, 0.2353, 0.4941
CMYK	0.41, 0.00, 0.34, 0.24
HSL	130°, 40%, 61%
HSV	130°, 41%, 76%
XYZ	30.5478, 44.2600, 27.7019
YIQ	163.5560, -26.4940, -37.4860

Conversions

Conversions Part 2

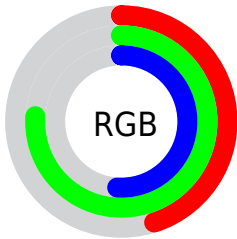
Format	Color
RYB	115, 183, 195
Decimal	7586689
CIELab	72.40, -38.55, 25.69
CIELCh	72, 46.325, 146.324
Yxy	44.2600, 0.2980, 0.4318
Android (android.graphics.Color)	4285776769 (0xFF73C381)
YUV	163.5560, -17.0361, -42.5836
Hunter-Lab	66.5282, -34.4625, 21.8818

Details

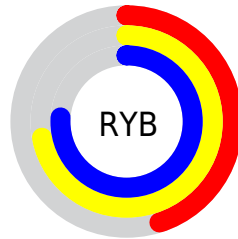
The RGB color **115, 195, 129** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **195, 115, 181**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **170, 252, 182**, and **61, 141, 79** is the 20% darker color. If you saturate the color by 10%, you get **96, 195, 113**, and if you desaturate by 10%, it is **134, 195, 145**.

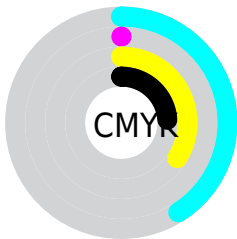
Distribution



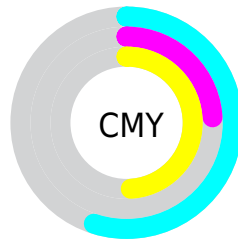
- Red (45%)
- Green (76%)
- Blue (51%)



- Red (45%)
- Yellow (72%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 195, 129 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, 195, 129 by changing the saturation by 10% instead.

 115, 195, 129


255, 255, 255


 170, 252, 182


 198, 255, 210


 227, 255, 239

 115, 195, 129

 88, 167, 104

 61, 141, 79

 31, 115, 55

 0, 90, 33


 0, 65, 10


 0, 43, 0

 0, 16, 0


 0, 0, 0

 115, 195, 129

 115, 195, 129


 96, 195, 113

 134, 195, 145

 76, 195, 97


 154, 195, 161


 57, 195, 81


 174, 195, 177


 37, 195, 65


 193, 195, 193

 18, 195, 49

 213, 195, 209

 0, 195, 34

 232, 195, 226

 252, 195, 242

 255, 195, 255

Harmonies

Analogous

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



166, 186, 99



115, 195, 129



36, 199, 171

Triad

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



115, 195, 129



97, 183, 255



255, 146, 142

Complementary

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



115, 195, 129



195, 115, 181

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.



254, 143, 185



115, 195, 129



173, 169, 253

Square

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



115, 195, 129



0, 194, 247



225, 153, 225



241, 158, 108

Rectangle

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



115, 195, 129



0, 200, 200



225, 153, 225



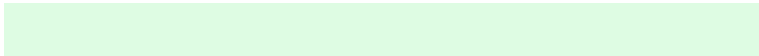
255, 144, 156

Sweetspot

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



115, 195, 129



222, 252, 227



182, 195, 115



110, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



115, 195, 129



129, 252, 150



115, 195, 168



87, 97, 89



0, 161, 28



0, 33, 6

Inverse Universe

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



195, 115, 181



252, 129, 231



195, 115, 142



97, 87, 95



161, 0, 133



33, 0, 27

Previews

White Background



This preview shows how the RGB color 115, 195, 129 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, 195, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

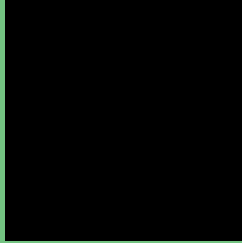
Any Text WCAG AA ✓ Pass

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, 195, 129 Background



This preview shows how black text looks on a background with the RGB color 115, 195, 129.

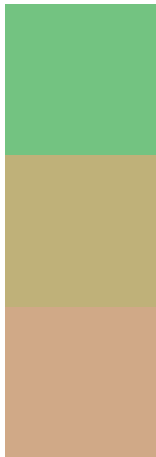


This preview shows how white text looks on a background with the RGB color 115, 195, 129.

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](#).

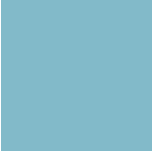
Dichromacy



Original Color
115, 195, 129

Protanopia
191, 177, 121

Deuteranopia
208, 169, 135



Tritanopia
130, 186, 201

Trichromacy



Original Color

115, 195, 129



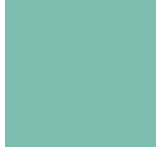
Protanomaly

163, 184, 124



Deuteranomaly

174, 178, 133



Tritanomaly

125, 189, 175

Monochromacy



Original Color

115, 195, 129



Achromatopsia

164, 164, 164



Achromatomaly

146, 175, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 195, 129 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, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 129)  
}
```

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, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 129) }
```

Border

The CSS property to change the border of an element to RGB 115, 195, 129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

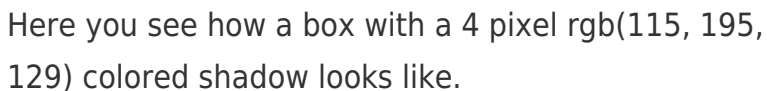
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 195, 129) }
```

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

```
.border{ border-color:rgb(115, 195, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 195, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 195, 129); box-shadow:4px 4px 4px 4px rgb(115, 195, 129) }
```

Background

The CSS property to change the background color of an element to RGB 115, 195, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 129) }
```

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

```
.background{ background-color: rgb(115,  
195, 129) }
```

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