

Converting Colors

RGB(116, 212, 115)

Have a look what the booklet for
RGB(116, 212, 115) contains.

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Color

RGB(116, 212, 115)

Conversions

Conversions Part 1

Format	Color
Hex	74D473
RGB	116, 212, 115
RGB Percent	45%, 83%, 45%
CMY	0.5451, 0.1686, 0.5490
CMYK	0.45, 0.00, 0.46, 0.17
HSL	119°, 53%, 64%
HSV	119°, 46%, 83%
XYZ	33.8405, 52.0378, 24.4804
YIQ	172.2380, -26.0790, -50.5190

Conversions

Conversions Part 2

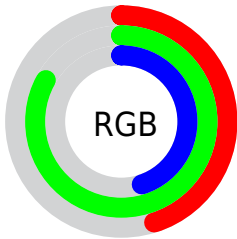
Format	Color
RYB	115, 212, 211
Decimal	7656563
CIELab	77.30, -47.79, 39.25
CIElCh	77, 61.845, 140.601
Yxy	52.0378, 0.3066, 0.4715
Android (android.graphics.Color)	4285846643 (0xFF74D473)
YUV	172.2380, -28.2183, -49.3207
Hunter-Lab	72.1372, -42.5036, 30.3755

Details

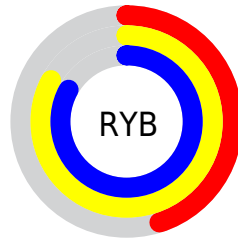
The RGB color **116, 212, 115** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **211, 115, 212**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **173, 255, 168**, and **58, 157, 64** is the 20% darker color. If you saturate the color by 10%, you get **95, 212, 94**, and if you desaturate by 10%, it is **137, 212, 136**.

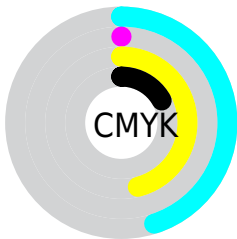
Distribution



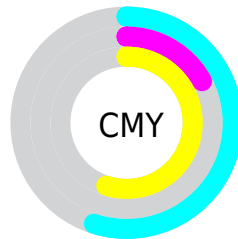
- Red (45%)
- Green (83%)
- Blue (45%)



- Red (45%)
- Yellow (83%)
- Blue (83%)



- Cyan (45%)
- Magenta (0%)
- Yellow (46%)
- Black (17%)



- Cyan (55%)
- Magenta (17%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 116, 212, 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 116, 212, 115 by changing the saturation by 10% instead.

 116, 212, 115

255, 255, 255

 173, 255, 168

 202, 255, 196

 231, 255, 224


255, 255, 253

 116, 212, 115

 116, 212, 115

 88, 184, 89

 58, 157, 64

 22, 130, 40

 0, 104, 12

 0, 79, 0

 0, 55, 0

 0, 33, 0

 0, 0, 0

 116, 212, 115

■ 95, 212, 94

■ 137, 212, 136

■ 74, 212, 73

■ 158, 212, 157

■ 53, 212, 51

■ 179, 212, 179

■ 32, 212, 30

■ 200, 212, 200

■ 11, 212, 9

■ 221, 212, 221

■ 2, 212, 0

■ 242, 212, 242

■ 255, 212, 255

Harmonies

Analogous

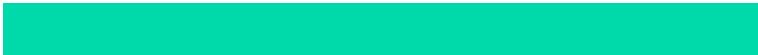
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 200, 77



116, 212, 115



0, 218, 170

Triad

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



116, 212, 115



0, 202, 255



255, 143, 154

Complementary

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



116, 212, 115



211, 115, 212

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, 142, 211



116, 212, 115



163, 183, 255

Square

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



116, 212, 115



0, 214, 255



244, 160, 255



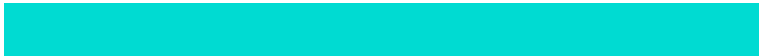
255, 160, 104

Rectangle

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



116, 212, 115



0, 219, 210



244, 160, 255



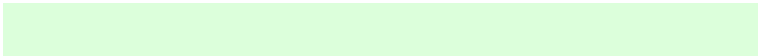
255, 140, 173

Sweetspot

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



116, 212, 115



220, 255, 219



212, 210, 115



106, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



116, 212, 115



116, 255, 115



115, 212, 162



97, 107, 96



2, 171, 0



0, 43, 0

Inverse Universe

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



211, 115, 212



254, 115, 255



212, 115, 165



107, 96, 107



169, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RGB color 116, 212, 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 116, 212, 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 116, 212, 115 Background



This preview shows how black text looks on a background with the RGB color 116, 212, 115.

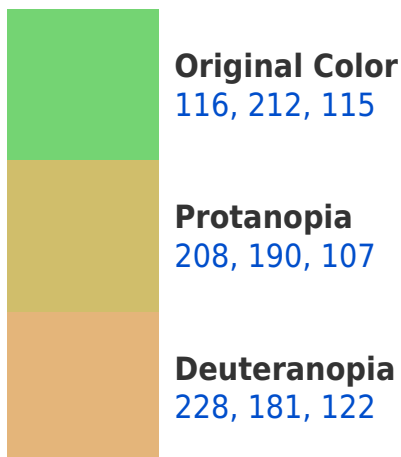


This preview shows how white text looks on a background with the RGB color 116, 212, 115.

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
137, 200, 217

Trichromacy



Original Color

116, 212, 115



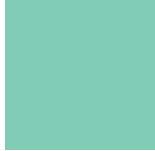
Protanomaly

175, 198, 110



Deuteranomaly

187, 192, 119



Tritanomaly

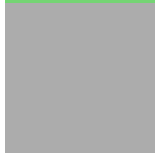
129, 204, 180

Monochromacy



Original Color

116, 212, 115



Achromatopsia

172, 172, 172



Achromatomaly

152, 187, 151

CSS Examples

Text

The CSS property to change the color of the text to RGB 116, 212, 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(116, 212, 115)` looks like.

```
.text, #text, p{  
    color:rgb(116, 212, 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(116, 212, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 212, 115) }
```

Border

The CSS property to change the border of an element to RGB 116, 212, 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(116, 212, 115) }
```

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

```
.border{ border-color:rgb(116, 212, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 212, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 212, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 212, 115);  
box-shadow:4px 4px 4px 4px rgb(116, 212,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 116, 212, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 212, 115) }
```

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

```
.background{ background-color: rgb(116,  
212, 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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