

Converting Colors

RGB(106, 215, 108)

Have a look what the booklet for
RGB(106, 215, 108) contains.

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Color

RGB(106, 215, 108)

Conversions

Conversions Part 1

Format	Color
Hex	6AD76C
RGB	106, 215, 108
RGB Percent	42%, 84%, 42%
CMY	0.5843, 0.1569, 0.5765
CMYK	0.51, 0.00, 0.50, 0.16
HSL	121°, 58%, 63%
HSV	121°, 51%, 84%
XYZ	32.9511, 52.7478, 22.6320
YIQ	170.2110, -30.6170, -56.3850

Conversions

Conversions Part 2

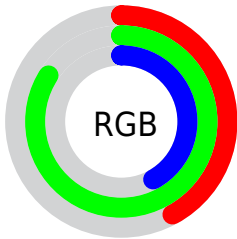
Format	Color
RYB	106, 213, 215
Decimal	7001964
CIELab	77.73, -52.74, 43.12
CIELCh	78, 68.128, 140.730
Yxy	52.7478, 0.3042, 0.4869
Android (android.graphics.Color)	4285192044 (0xFF6AD76C)
YUV	170.2110, -30.6700, -56.3130
Hunter-Lab	72.6277, -46.1132, 32.3636

Details

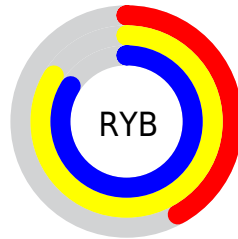
The RGB color **106, 215, 108** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **215, 106, 213**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **164, 255, 161**, and **43, 159, 57** is the 20% darker color. If you saturate the color by 10%, you get **85, 215, 87**, and if you desaturate by 10%, it is **128, 215, 129**.

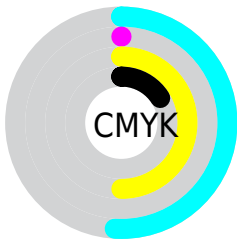
Distribution



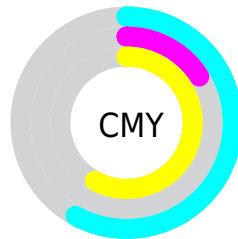
- Red (42%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 106, 215, 108 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 106, 215, 108 by changing the saturation by 10% instead.

 106, 215, 108

255, 255, 255

 164, 255, 161

 193, 255, 189


 223, 255, 217

 253, 255, 246

 106, 215, 108

 76, 187, 82

 43, 159, 57

 0, 132, 31

 0, 106, 0

 0, 81, 0

 0, 57, 0

 0, 34, 0

 0, 0, 0

 106, 215, 108

 106, 215, 108

■ 85, 215, 87

■ 128, 215, 129

■ 63, 215, 66

■ 149, 215, 150

■ 42, 215, 45

■ 171, 215, 171

■ 20, 215, 24

■ 192, 215, 192

■ 0, 215, 4

■ 214, 215, 214

■ 235, 215, 235

■ 255, 215, 255

Harmonies

Analogous

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



183, 202, 64



106, 215, 108



0, 222, 170

Triad

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



106, 215, 108



0, 205, 255



255, 137, 151

Complementary

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



106, 215, 108



215, 106, 213

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, 136, 215



106, 215, 108



159, 183, 255

Square

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



106, 215, 108



0, 218, 255



250, 157, 255



255, 157, 96

Rectangle

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



106, 215, 108



0, 223, 214



250, 157, 255



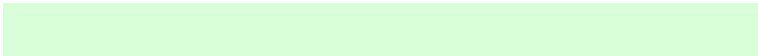
255, 134, 172

Sweetspot

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



106, 215, 108



217, 255, 217



213, 215, 106



105, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



106, 215, 108



99, 255, 102



106, 215, 162



96, 107, 97



0, 171, 3



0, 43, 1

Inverse Universe

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



215, 106, 213



255, 99, 252



215, 106, 159



107, 96, 107



171, 0, 168



43, 0, 43

Previews

White Background



This preview shows how the RGB color 106, 215, 108 looks on a white background.

Color Contrast Check

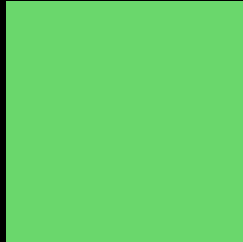
Large Text (above 18pt) WCAG AA × Fail

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 106, 215, 108 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 106, 215, 108 Background



This preview shows how black text looks on a background with the RGB color 106, 215, 108.

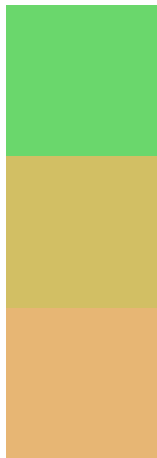


This preview shows how white text looks on a background with the RGB color 106, 215, 108.

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
106, 215, 108

Protanopia
210, 191, 100

Deuteranopia
231, 182, 116



Tritanopia
130, 203, 219

Trichromacy



Original Color

106, 215, 108



Protanomaly

172, 200, 103



Deuteranomaly

186, 194, 113



Tritanomaly

121, 207, 179

Monochromacy



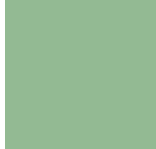
Original Color

106, 215, 108



Achromatopsia

170, 170, 170



Achromatomaly

147, 186, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 106, 215, 108 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(106, 215, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 215, 108)  
}
```

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(106, 215, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 215, 108) }
```

Border

The CSS property to change the border of an element to RGB 106, 215, 108 is called "border". The border property can be set on classes, ids or directly on the HTML element.

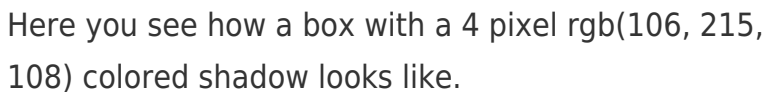
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 215, 108) }
```

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

```
.border{ border-color:rgb(106, 215, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 215, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 215, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 215, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 215,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 106, 215, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 215, 108) }
```

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

```
.background{ background-color: rgb(106,  
215, 108) }
```

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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