

Converting Colors

RGB(170, 196, 64)

Have a look what the booklet for
RGB(170, 196, 64) contains.

RGB(170, 196, 64)	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(170, 196, 64)

Conversions

Conversions Part 1

Format	Color
Hex	AAC440
RGB	170, 196, 64
RGB Percent	67%, 77%, 25%
CMY	0.3333, 0.2314, 0.7490
CMYK	0.13, 0.00, 0.67, 0.23
HSL	72°, 53%, 51%
HSV	72°, 67%, 77%
XYZ	37.2429, 48.3961, 12.2290
YIQ	173.1780, 26.8760, -46.5640

Conversions

Conversions Part 2

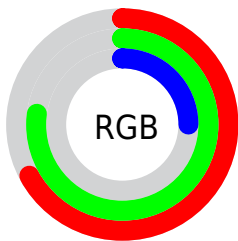
Format	Color
RYB	64, 196, 90
Decimal	11191360
CIELab	75.07, -26.68, 60.53
CIELCh	75, 66.148, 113.788
Yxy	48.3961, 0.3805, 0.4945
Android (android.graphics.Color)	4289381440 (0xFFAAC440)
YUV	173.1780, -53.8248, -2.7871
Hunter-Lab	69.5673, -26.1826, 38.2747

Details

The RGB color **170, 196, 64** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **90, 64, 196**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **228, 253, 119**, and **114, 142, 0** is the 20% darker color. If you saturate the color by 10%, you get **166, 196, 44**, and if you desaturate by 10%, it is **174, 196, 84**.

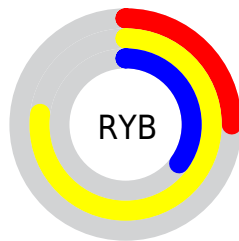
Distribution



Red (67%)

Green (77%)

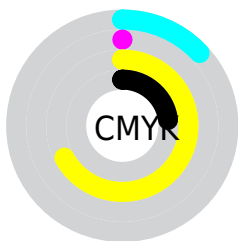
Blue (25%)



Red (25%)

Yellow (77%)

Blue (35%)

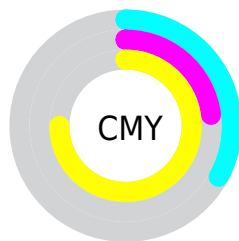


Cyan (13%)

Magenta (0%)

Yellow (67%)

Black (23%)



Cyan (33%)

















Magenta (23%)


Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 196, 64 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 170, 196, 64 by changing the saturation by 10% instead.

 170, 196, 64	 170, 196, 64
 255, 255, 255	 142, 169, 34
 228, 253, 119	 114, 142, 0
 255, 255, 146	 87, 117, 0
 255, 255, 174	 61, 92, 0
 255, 255, 202	 33, 68, 0
 255, 255, 231	 3, 46, 0
	 0, 26, 0
	 0, 0, 0

 170, 196, 64  170, 196, 64

166, 196, 44

174, 196, 84

162, 196, 25

178, 196, 103

158, 196, 5

182, 196, 123

157, 196, 0

185, 196, 142

189, 196, 162

193, 196, 182

197, 196, 201

201, 196, 221

205, 196, 240

Harmonies

Analogous

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



228, 177, 55



170, 196, 64



92, 208, 109

Triad

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



170, 196, 64



0, 209, 255



255, 130, 200

Complementary

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



170, 196, 64



90, 64, 196

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.



247, 148, 255



170, 196, 64



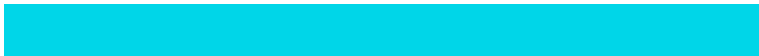
0, 195, 255

Square

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



170, 196, 64



0, 214, 232



164, 174, 255



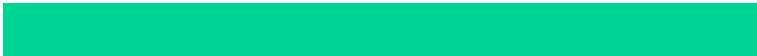
255, 133, 139

Rectangle

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



170, 196, 64



0, 212, 149



164, 174, 255



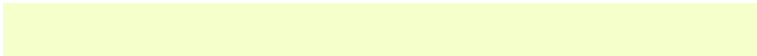
255, 134, 220

Sweetspot

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



170, 196, 64



245, 255, 204



196, 88, 64



121, 128, 97



0, 0, 0



128, 128, 128

Same Dimension

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



170, 196, 64



214, 255, 48



106, 196, 64



95, 97, 87



129, 161, 0



27, 33, 0

Inverse Universe

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



90, 64, 196



89, 48, 255



154, 64, 196



89, 87, 97



32, 0, 161



7, 0, 33

Previews

White Background



This preview shows how the RGB color 170, 196, 64 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 170, 196, 64 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 170, 196, 64 Background



This preview shows how black text looks on a background with the RGB color 170, 196, 64.



This preview shows how white text looks on a background with the RGB color 170, 196, 64.

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
170, 196, 64

Protanopia
206, 185, 61

Deuteranopia
230, 175, 71



Tritanopia
184, 183, 198

Trichromacy



Original Color

170, 196, 64

Protanomaly

193, 189, 62

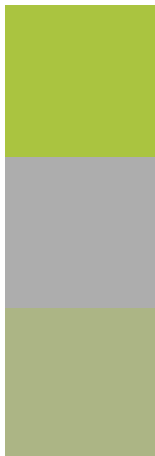
Deuteranomaly

208, 183, 68

Tritanomaly

179, 188, 149

Monochromacy



Original Color

170, 196, 64

Achromatopsia

173, 173, 173

Achromatomaly

172, 181, 133

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 196, 64 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(170, 196, 64)` looks like.

```
.text, #text, p{  
    color:rgb(170, 196, 64)  
}
```

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(170, 196, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 196, 64) }
```

Border

The CSS property to change the border of an element to RGB 170, 196, 64 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(170, 196, 64) }
```

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

```
.border{ border-color:rgb(170, 196, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 196, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 196, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 196, 64);  
box-shadow:4px 4px 4px 4px rgb(170, 196,  
64) }
```

Background

The CSS property to change the background color of an element to RGB 170, 196, 64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 196, 64) }
```

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

```
.background{ background-color: rgb(170,  
196, 64) }
```

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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