

Converting Colors

RGB(196, 159, 0)

Have a look what the booklet for
RGB(196, 159, 0) contains.

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Color

RGB(196, 159, 0)

Conversions

Conversions Part 1

Format	Color
Hex	C49F00
RGB	196, 159, 0
RGB Percent	77%, 62%, 0%
CMY	0.2314, 0.3765, 1.0000
CMYK	0.00, 0.19, 1.00, 0.23
HSL	49°, 100%, 38%
HSV	49°, 100%, 77%
XYZ	35.1631, 36.5320, 5.1981
YIQ	151.9370, 73.0910, -41.6050

Conversions

Conversions Part 2

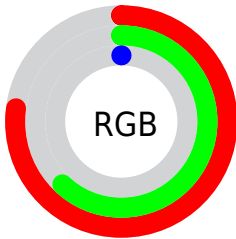
Format	Color
RYB	46, 196, 0
Decimal	12885760
CIELab	66.92, 1.51, 70.42
CIELCh	67, 70.436, 88.776
Yxy	36.5320, 0.4573, 0.4751
Android (android.graphics.Color)	4291075840 (0xFFC49F00)
YUV	151.9370, -74.9049, 38.6433
Hunter-Lab	60.4417, -1.9274, 37.2102

Details

The RGB color **196, 159, 0** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0, 37, 196**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 213, 75**, and **137, 108, 0** is the 20% darker color. If you saturate the color by 10%, you get **196, 159, 0**, and if you desaturate by 10%, it is **196, 163, 20**.

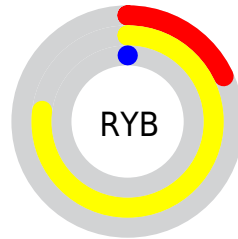
Distribution



Red (77%)

Green (62%)

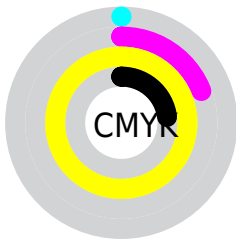
Blue (0%)



Red (18%)

Yellow (77%)

Blue (0%)

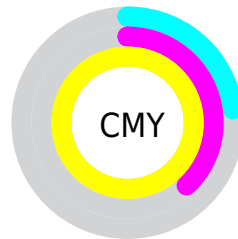


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (23%)



Cyan (23%)



















Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the RGB color 196, 159, 0 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 196, 159, 0 by changing the saturation by 10% instead.


 196, 159, 0	 196, 159, 0
 255, 255, 255	 166, 133, 0
 255, 213, 75	 137, 108, 0
 255, 242, 104	 109, 84, 0
 255, 255, 131	 81, 61, 0
 255, 255, 159	 55, 40, 0
 255, 255, 188	 30, 20, 0
 255, 255, 217	 0, 0, 0
 255, 255, 246	
 196, 159, 0	


 196, 163, 20

 196, 166, 39

 196, 170, 59

 196, 174, 78

 196, 178, 98

 196, 181, 118

 196, 185, 137

 196, 189, 157

 196, 192, 176

Harmonies

Analogous

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



244, 134, 51



196, 159, 0



133, 177, 35

Triad

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



196, 159, 0



0, 192, 222



236, 118, 230

Complementary

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



196, 159, 0



0, 37, 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.



156, 147, 255



196, 159, 0



0, 186, 255

Square

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



196, 159, 0



0, 192, 158



0, 171, 255



255, 99, 168

Rectangle

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



196, 159, 0



76, 185, 73



0, 171, 255



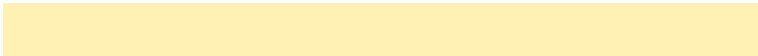
215, 128, 247

Sweetspot

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



196, 159, 0



255, 241, 179



196, 0, 39



128, 119, 82



0, 0, 0



128, 128, 128

Same Dimension

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



196, 159, 0



255, 207, 0



137, 196, 0



97, 95, 87



161, 130, 0



33, 27, 0

Inverse Universe

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



0, 37, 196



0, 48, 255



59, 0, 196



87, 89, 97



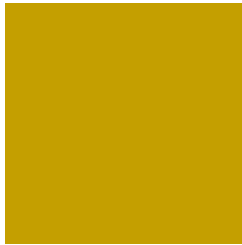
0, 30, 161



0, 6, 33

Previews

White Background



This preview shows how the RGB color 196, 159, 0 looks on a white background.

Color Contrast Check

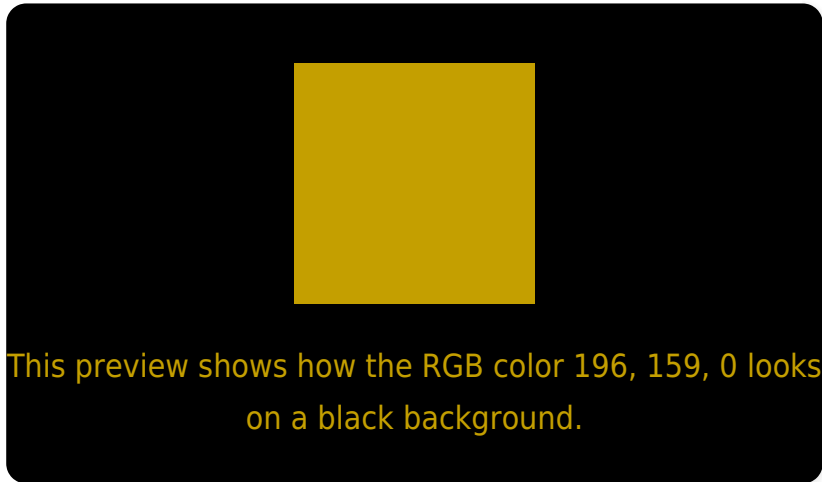
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 196, 159, 0 Background



This preview shows how black text looks on a background with the RGB color 196, 159, 0.



This preview shows how white text looks on a background with the RGB color 196, 159, 0.

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
196, 159, 0

Protanopia
184, 164, 8

Deuteranopia
206, 155, 15



Tritanopia
204, 148, 159

Trichromacy



Original Color
196, 159, 0

Protanomaly
188, 162, 5

Deuteranomaly
202, 156, 10

Tritanomaly
201, 152, 101

Monochromacy



Original Color
196, 159, 0

Achromatopsia
152, 152, 152

Achromatomaly
168, 155, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 159, 0 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(196, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 0)  
}
```

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(196, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 0) }
```

Border

The CSS property to change the border of an element to RGB 196, 159, 0 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(196, 159, 0) }
```

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

```
.border{ border-color:rgb(196, 159, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
0) }
```

Background

The CSS property to change the background color of an element to RGB 196, 159, 0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 0) }
```

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

```
.background{ background-color: rgb(196,  
159, 0) }
```

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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