

Converting Colors

RGB(122, 159, 0)

Have a look what the booklet for
RGB(122, 159, 0) contains.

RGB(122, 159, 0)	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(122, 159, 0)

Conversions

Conversions Part 1

Format	Color
Hex	7A9F00
RGB	122, 159, 0
RGB Percent	48%, 62%, 0%
CMY	0.5216, 0.3765, 1.0000
CMYK	0.23, 0.00, 1.00, 0.38
HSL	74°, 100%, 31%
HSV	74°, 100%, 62%
XYZ	20.4242, 28.9338, 4.5083
YIQ	129.8110, 28.9870, -57.2930

Conversions

Conversions Part 2

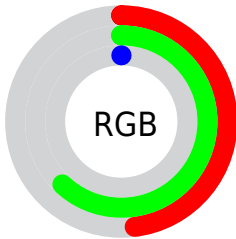
Format	Color
RYB	0, 159, 37
Decimal	8036096
CIELab	60.72, -31.22, 63.09
CIElCh	61, 70.393, 116.329
Yxy	28.9338, 0.3792, 0.5371
Android (android.graphics.Color)	4286226176 (0xFF7A9F00)
YUV	129.8110, -63.9968, -6.8502
Hunter-Lab	53.7902, -26.3563, 32.6839

Details

The RGB color **122, 159, 0** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **37, 0, 159**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **178, 214, 73**, and **67, 107, 0** is the 20% darker color. If you saturate the color by 10%, you get **122, 159, 0**, and if you desaturate by 10%, it is **126, 159, 16**.

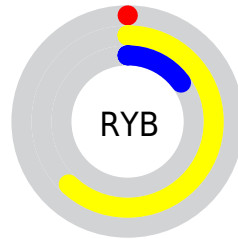
Distribution



Red (48%)

Green (62%)

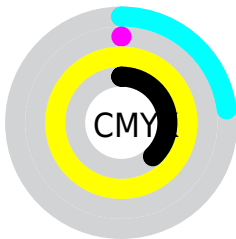
Blue (0%)



Red (0%)

Yellow (62%)

Blue (15%)

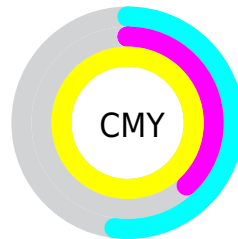


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (52%)



















Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 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 122, 159, 0 by changing the saturation by 10% instead.

 122, 159, 0	 122, 159, 0
 255, 255, 255	 95, 133, 0
 178, 214, 73	 67, 107, 0
 207, 242, 101	 40, 83, 0
 237, 255, 128	 6, 59, 0
 255, 255, 156	 0, 38, 0
 255, 255, 184	 0, 5, 0
 255, 255, 213	 0, 0, 0
 255, 255, 242	
 122, 159, 0	

■ 126, 159, 16

■ 129, 159, 32

■ 133, 159, 48

■ 137, 159, 64

■ 141, 159, 80

■ 144, 159, 95

■ 148, 159, 111

■ 152, 159, 127

■ 155, 159, 143

Harmonies

Analogous

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



182, 141, 0



122, 159, 0



0, 169, 73

Triad

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



122, 159, 0



0, 169, 250



252, 81, 157

Complementary

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



122, 159, 0



37, 0, 159

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.



213, 103, 216



122, 159, 0



0, 156, 255

Square

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



122, 159, 0



0, 175, 200



128, 133, 255



254, 88, 95

Rectangle

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



122, 159, 0



0, 173, 115



128, 133, 255



243, 86, 178

Sweetspot

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



122, 159, 0



192, 207, 145



159, 34, 0



96, 105, 67



232, 232, 232



105, 105, 105

Same Dimension

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



122, 159, 0



158, 207, 0



45, 159, 0



77, 79, 71



110, 143, 0



12, 15, 0

Inverse Universe

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



37, 0, 159



48, 0, 207



114, 0, 159



73, 71, 79



33, 0, 143



4, 0, 15

Previews

White Background



This preview shows how the RGB color 122, 159, 0 looks on a white background.

Color Contrast Check

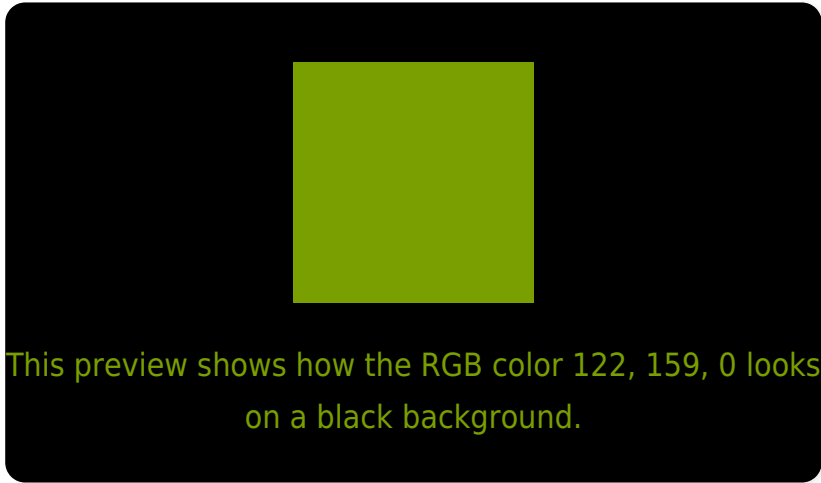
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 122, 159, 0 Background



This preview shows how black text looks on a background with the RGB color 122, 159, 0.



This preview shows how white text looks on a background with the RGB color 122, 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
122, 159, 0

Protanopia
165, 147, 0

Deuteranopia
184, 139, 29



Tritanopia
136, 148, 160

Trichromacy



Original Color
122, 159, 0

Protanomaly
149, 151, 0

Deuteranomaly
161, 146, 18

Tritanomaly
131, 152, 102

Monochromacy



Original Color
122, 159, 0

Achromatopsia
130, 130, 130

Achromatomaly
127, 141, 83

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 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(122, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 0) }
```

Border

The CSS property to change the border of an element to RGB 122, 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(122, 159, 0) }
```

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

```
.border{ border-color:rgb(122, 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(122, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
0) }
```

Background

The CSS property to change the background color of an element to RGB 122, 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(122, 159, 0) }
```

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

```
.background{ background-color: rgb(122,  
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](#).

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