

Converting Colors

Hex(5C9F02)

Have a look what the booklet for
Hex(5C9F02) contains.

Hex(5C9F02)	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

Hex(5C9F02)

Conversions

Conversions Part 1

Format	Color
Hex	5C9F02
RGB	92, 159, 2
RGB Percent	36%, 62%, 1%
CMY	0.6392, 0.3765, 0.9922
CMYK	0.42, 0.00, 0.99, 0.38
HSL	86°, 98%, 32%
HSV	86°, 99%, 62%
XYZ	16.8227, 27.0760, 4.3970
YIQ	121.0690, 10.4650, -63.0310

Conversions

Conversions Part 2

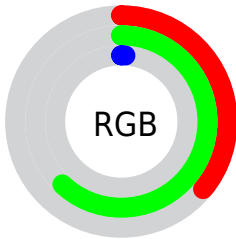
Format	Color
R_{YB}	2, 159, 69
Decimal	6070018
CIE _{Lab}	59.04, -42.74, 60.77
CIE _{LCh}	59, 74.294, 125.117
Yxy	27.0760, 0.3483, 0.5606
Android (android.graphics.Color)	4284260098 (0xFF5C9F02)
YUV	121.0690, -58.7010, -25.4935
Hunter-Lab	52.0346, -33.3516, 31.4141

Details

The Hex color **5C9F02** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **45029F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **94D649**, and **216B00** is the 20% darker color. If you saturate the color by 10%, you get **5B9F00**, and if you desaturate by 10%, it is **639F12**.

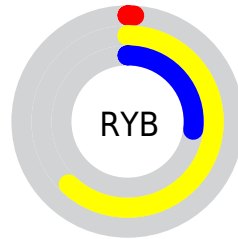
Distribution



Red (36%)

Green (62%)

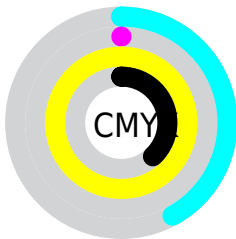
Blue (1%)



Red (1%)

Yellow (62%)

Blue (27%)

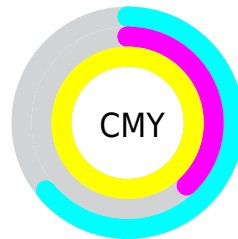


Cyan (42%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (64%)

Magenta (38%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9F02 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 Hex color 5C9F02 by changing the saturation by 10% instead.



5C9F02



5C9F02

FFFFFF



3F8400



94D649



216B00



B1F364



005200



CEFF80



003A00



EBFF9C



002500



FFFFB8



000000



FFFFD4



FFFFF2



5C9F02



5C9F02

■ 5B9F00

■ 639F12

■ 6A9F22

■ 709F32

■ 779F42

■ 7E9F52

■ 859F61

■ 8B9F71

■ 929F81

■ 999F91

Harmonies

Analogous

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



A18F00



5C9F02



00A854

Triad

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



5C9F02



00A3FF



FF4386

Complementary

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



5C9F02



45029F

Split Complementary

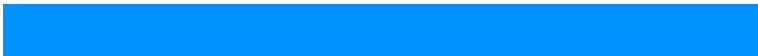
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E455C6



5C9F02



0093FF

Square

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



5C9F02



00AAD8



9B77FA



F85647

Rectangle

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



5C9F02



00AA81



9B77FA



FB459C

Sweetspot

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



5C9F02



B4CF91



9F4302



586943



E8E8E8



696969

Same Dimension

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



5C9F02



76CF00



0F9F02



4C4F47



528F00



090F00

Inverse Universe

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



45029F



5800CF



92029F



4B474F



3D008F



07000F

Previews

White Background



This preview shows how the Hex color 5C9F02 looks on a white background.

Color Contrast Check

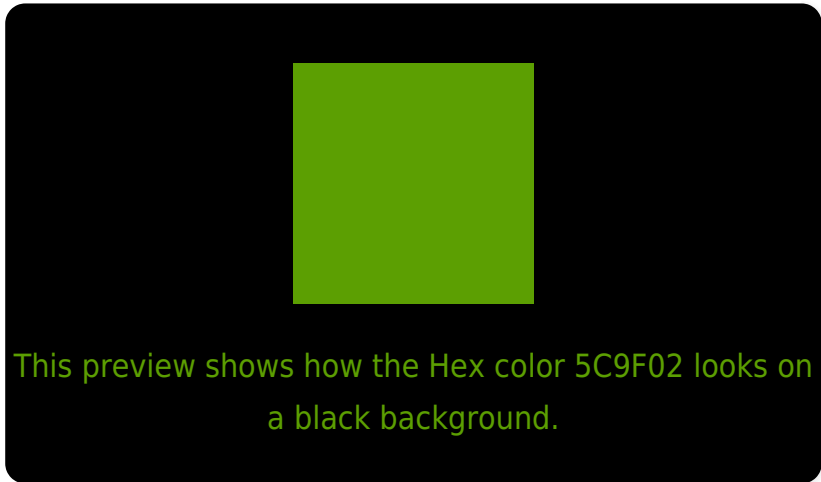
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 5C9F02 Background



This preview shows how black text looks on a background with the Hex color 5C9F02.



This preview shows how white text looks on a background with the Hex color 5C9F02.

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
5C9F02

Protanopia
A08E00

Deuteranopia
B28620



Tritanopia
6F94A0

Trichromacy



Original Color
5C9F02

Protanomaly
879401

Deuteranomaly
938F15

Tritanomaly
689867

Monochromacy



Original Color
5C9F02

Achromatopsia
797979

Achromatomaly
6E874E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9F02 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 #5C9F02 looks like.

```
.text, #text, p{  
    color:#5C9F02  
}
```

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 #5C9F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9F02
}
```

Border

The CSS property to change the border of an element to Hex 5C9F02 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
#5C9F02 }
```

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

```
.border{ border-color:#5C9F02 }
```

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

Here you see how a box with a 4 pixel #5C9F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9F02; -webkit-box-shadow:4px 4px  
4px 4px #5C9F02; box-shadow:4px 4px 4px  
4px #5C9F02 }
```

Background

The CSS property to change the background color of an element to Hex 5C9F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9F02 }
```

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

```
.background{ background-color:#5C9F02 }
```

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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