

Converting Colors

Hex(5B900F)

Have a look what the booklet for
Hex(5B900F) contains.

Hex(5B900F)	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(5B900F)

Conversions

Conversions Part 1

Format	Color
Hex	5B900F
RGB	91, 144, 15
RGB Percent	36%, 56%, 6%
CMY	0.6431, 0.4353, 0.9412
CMYK	0.37, 0.00, 0.90, 0.44
HSL	85°, 81%, 31%
HSV	85°, 90%, 56%
XYZ	14.3739, 22.2052, 3.9804
YIQ	113.4470, 9.8210, -51.3550

Conversions

Conversions Part 2

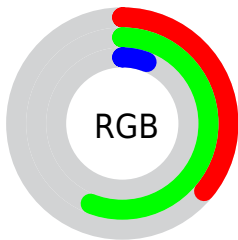
Format	Color
RYB	15, 144, 68
Decimal	6000655
CIELab	54.24, -36.39, 54.73
CIElCh	54, 65.725, 123.617
Yxy	22.2052, 0.3544, 0.5475
Android (android.graphics.Color)	4284190735 (0xFF5B900F)
YUV	113.4470, -48.5344, -19.6860
Hunter-Lab	47.1223, -28.0157, 27.9775

Details


The Hex color **5B900F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **440F90**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **92C64B**, and **245D00** is the 20% darker color. If you saturate the color by 10%, you get **559001**, and if you desaturate by 10%, it is **61901D**.

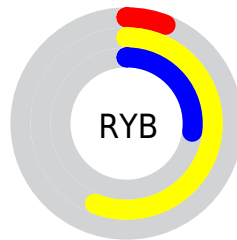
Distribution



 Red (36%)

 Green (56%)

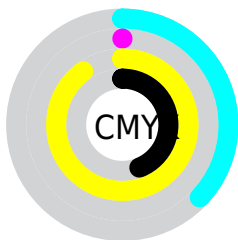
 Blue (6%)




 Red (6%)

 Yellow (56%)

 Blue (27%)

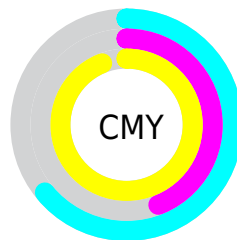


 Cyan (37%)


 Magenta (0%)

 Yellow (90%)

 Black (44%)



 Cyan (64%)

 Magenta (44%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B900F 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 5B900F by changing the saturation by 10% instead.



5B900F



5B900F

FFFFFF



407600



92C64B



245D00



AEE266



004500



CBFF80



002E00



E8FF9C



001700



FFFFB8



000000



FFFFD4



FFFFF1



5B900F



5B900F

■ 559001

■ 61901D

■ 559000

■ 67902C

■ 6D903A

■ 739049

■ 799057

■ 7E9065

■ 849074

■ 8A9082

■ 909091

Harmonies

Analogous

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



968100



5B900F



00984C

Triad

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



5B900F



0095E7



E5447D

Complementary

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



5B900F



440F90

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.



CA53B5



5B900F



0086F4

Square

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



5B900F



009BBF



896FE1



E05146

Rectangle

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



5B900F



009B73



896FE1



E04690

Sweetspot

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



5B900F



A6BA88



90430F



525E40



DEDEDE



5E5E5E

Same Dimension

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



5B900F



6EBA00



1C900F



444740



508700



050800

Inverse Universe

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



440F90



4C00BA



830F90



434047



380087



030008

Previews

White Background



This preview shows how the Hex color 5B900F looks on a white background.

Color Contrast Check

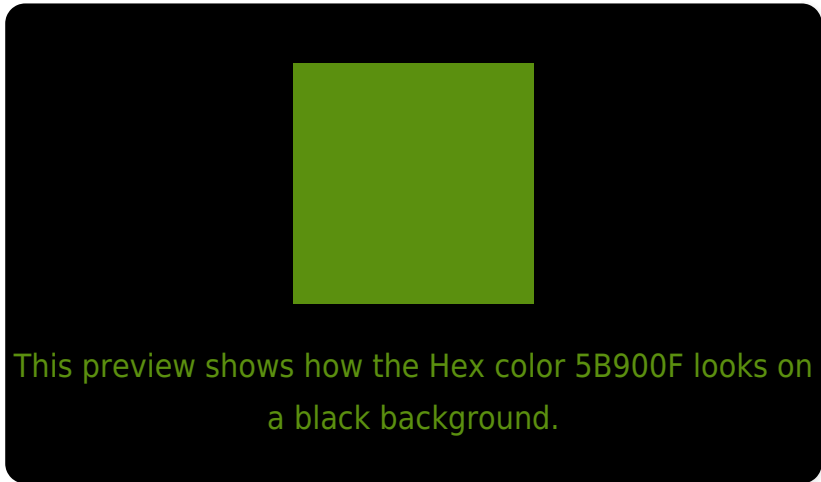
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B900F Background



This preview shows how black text looks on a background with the Hex color 5B900F.



This preview shows how white text looks on a background with the Hex color 5B900F.

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
5B900F

Protanopia
928208

Deuteranopia
A37B1F



Tritanopia
6A8691

Trichromacy



Original Color
5B900F

Protanomaly
7E870B

Deuteranomaly
898319

Tritanomaly
658A62

Monochromacy



Original Color
5B900F

Achromatopsia
717171

Achromatomaly
697C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B900F 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 #5B900F looks like.

```
.text, #text, p{  
    color:#5B900F  
}
```

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 #5B900F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B900F
}
```

Border

The CSS property to change the border of an element to Hex 5B900F 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
#5B900F }
```

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

```
.border{ border-color:#5B900F }
```

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

Here you see how a box with a 4 pixel #5B900F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B900F; -webkit-box-shadow:4px 4px  
4px 4px #5B900F; box-shadow:4px 4px 4px  
4px #5B900F }
```

Background

The CSS property to change the background color of an element to Hex 5B900F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B900F }
```

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

```
.background{ background-color:#5B900F }
```

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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