

Converting Colors

Hex(5F9400)

Have a look what the booklet for
Hex(5F9400) contains.

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Color

Hex(5F9400)

Conversions

Conversions Part 1

Format	Color
Hex	5F9400
RGB	95, 148, 0
RGB Percent	37%, 58%, 0%
CMY	0.6275, 0.4196, 1.0000
CMYK	0.36, 0.00, 1.00, 0.42
HSL	81°, 100%, 29%
HSV	81°, 100%, 58%
XYZ	15.3092, 23.6127, 3.7508
YIQ	115.2810, 15.9200, -57.2640

Conversions

Conversions Part 2

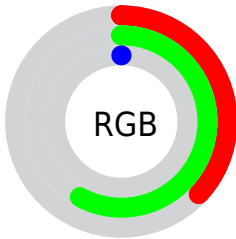
Format	Color
RYB	0, 148, 53
Decimal	6263808
CIELab	55.70, -37.00, 58.54
CIElCh	56, 69.252, 122.292
Yxy	23.6127, 0.3588, 0.5533
Android (android.graphics.Color)	4284453888 (0xFF5F9400)
YUV	115.2810, -56.8335, -17.7864
Hunter-Lab	48.5929, -28.8011, 29.4385

Details

The Hex color **5F9400** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **350094**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **96CA46**, and **286100** is the 20% darker color. If you saturate the color by 10%, you get **5F9400**, and if you desaturate by 10%, it is **64940F**.

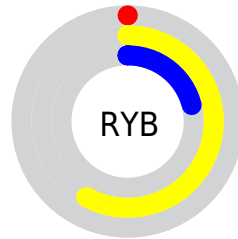
Distribution



Red (37%)

Green (58%)

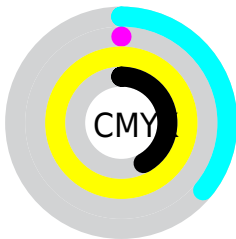
Blue (0%)



Red (0%)

Yellow (58%)

Blue (21%)

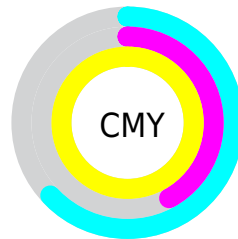


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9400 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 5F9400 by changing the saturation by 10% instead.

 5F9400

 5F9400

FFFFFF

 437A00

 96CA46

 286100

 B3E761

 014800

 D0FF7C

 003100

 EDFF97

 001C00

 FFFFB3

 000000

 FFFFD0

 FFFFED

 5F9400

 64940F

 6A941E

 6F942C

 74943B

 7A944A

 7F9459

 849468

 899476

 8F9485

Harmonies

Analogous

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



9C8400



5F9400



009D4A

Triad

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



5F9400



009AF0



ED4283

Complementary

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



5F9400



350094

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.



D055BE



5F9400



008BFF

Square

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



5F9400



00A0C4



8873EC



E95049

Rectangle

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



5F9400



009F73



8873EC



E84598

Sweetspot

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



5F9400



ABBF86



943400



54613E



E0E0E0



616161

Same Dimension

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



5F9400



7BBF00



169400



474A43



588A00



070A00

Inverse Universe

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



350094



4400BF



7E0094



45434A



31008A



04000A

Previews

White Background



This preview shows how the Hex color 5F9400 looks on a white background.

Color Contrast Check

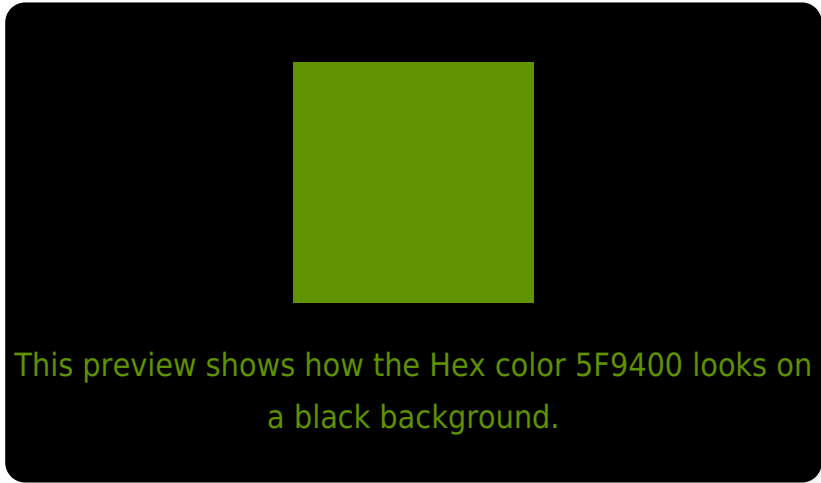
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F9400 Background



This preview shows how black text looks on a background with the Hex color 5F9400.



This preview shows how white text looks on a background with the Hex color 5F9400.

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
5F9400

Protanopia
968500

Deuteranopia
A77E1D



Tritanopia
6F8A95

Trichromacy



Original Color
5F9400

Protanomaly
828A00

Deuteranomaly
8D8612

Tritanomaly
698E5F

Monochromacy



Original Color
5F9400

Achromatopsia
737373

Achromatomaly
6C7F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9400 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 #5F9400 looks like.

```
.text, #text, p{  
    color:#5F9400  
}
```

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 #5F9400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9400
}
```

Border

The CSS property to change the border of an element to Hex 5F9400 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".

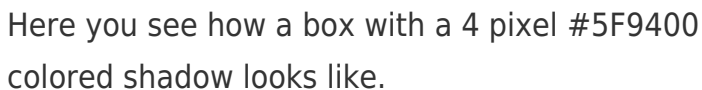
```
.border, #border, table{ border:4px solid
#5F9400 }
```

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

```
.border{ border-color:#5F9400 }
```

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

Here you see how a box with a 4 pixel #5F9400 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9400; -webkit-box-shadow:4px 4px  
4px 4px #5F9400; box-shadow:4px 4px 4px  
4px #5F9400 }
```

Background

The CSS property to change the background color of an element to Hex 5F9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9400 }
```

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

```
.background{ background-color:#5F9400 }
```

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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