

# Converting Colors

Hex(5F8500)

Have a look what the booklet for  
Hex(5F8500) contains.

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**Color**

**Hex(5F8500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F8500
RGB	95, 133, 0
RGB Percent	37%, 52%, 0%
CMY	0.6275, 0.4784, 1.0000
CMYK	0.29, 0.00, 1.00, 0.48
HSL	77°, 100%, 26%
HSV	77°, 100%, 52%
XYZ	13.1068, 19.2080, 3.0167
YIQ	106.4760, 20.0450, -49.4190

# Conversions

## Conversions Part 2

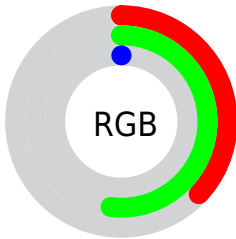
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 133, 38
Decimal	6259968
CIELab	50.93, -30.17, 54.88
CIELCh	51, 62.624, 118.801
Yxy	19.2080, 0.3710, 0.5436
Android (android.graphics.Color)	4284450048 (0xFF5F8500)
YUV	106.4760, -52.4927, -10.0645
Hunter-Lab	43.8269, -23.3149, 26.5978

# Details

The Hex color **5F8500** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **260085**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **95BA42**, and **2B5300** is the 20% darker color. If you saturate the color by 10%, you get **5F8500**, and if you desaturate by 10%, it is **63850D**.

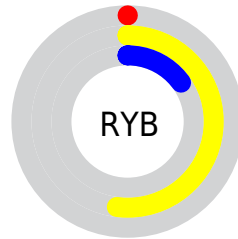
# Distribution



Red (37%)

Green (52%)

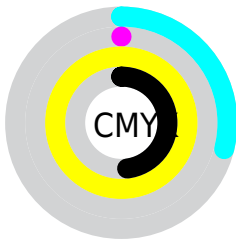
Blue (0%)



Red (0%)

Yellow (52%)

Blue (15%)

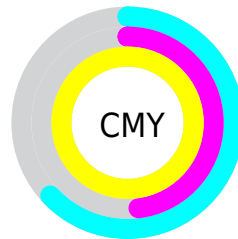


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (63%)

Magenta (48%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8500 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 5F8500 by changing the saturation by 10% instead.



 5F8500

 5F8500

FFFFFF

 446C00

 95BA42

 2B5300

 B1D65D

 0B3C00

 CEF378

 002600

 EBFF93

 000600

 FFFFAE

 000000

 FFFF CB

 FFFF E7

 5F8500

 63850D

 67851B

 6A8528


 6E8535

 728543

 768550

 7A855D

 7D856A

 818578

# Harmonies

## Analogous

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



947600



5F8500



008D3E

# Triad

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



5F8500



008CD4



D53F7E

# Complementary

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



5F8500



260085

# 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.



B752B2



5F8500



0080E5

# Square

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



5F8500



0091AC



726CD8



D44849

# Rectangle

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



5F8500



009063



726CD8



CE4390



# Sweetspot

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



5F8500



9FAD79



852600



4E5737



D6D6D6



575757



# Same Dimension

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



5F8500



7CAD00



1D8500



40423C



5D8200



020300



# Inverse Universe

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



260085



3200AD



680085



3E3C42



250082



010003



# Previews

## White Background



This preview shows how the Hex color 5F8500 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 5F8500 Background



This preview shows how black text looks on a background with the Hex color 5F8500.



This preview shows how white text looks on a background with the Hex color 5F8500.

# 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**  
5F8500

**Deuteranopia**  
987319

**Tritanopia**  
6C7C85

# Trichromacy



**Original Color**  
5F8500

**Deuteranomaly**  
837A10

**Tritanomaly**  
677F55

# Monochromacy



**Original Color**  
5F8500

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
667443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8500 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 #5F8500 looks like.

```
.text, #text, p{  
    color:#5F8500  
}
```

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 #5F8500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8500
}
```

## Border

The CSS property to change the border of an element to Hex 5F8500 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
#5F8500 }
```

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

```
.border{ border-color:#5F8500 }
```

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

Here you see how a box with a 4 pixel #5F8500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8500; -webkit-box-shadow:4px 4px  
4px 4px #5F8500; box-shadow:4px 4px 4px  
4px #5F8500 }
```

# Background

The CSS property to change the background color of an element to Hex 5F8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8500 }
```

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

```
.background{ background-color:#5F8500 }
```

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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