

# Converting Colors

Hex(5F9900)

Have a look what the booklet for  
Hex(5F9900) contains.

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**Color**

**Hex(5F9900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F9900
RGB	95, 153, 0
RGB Percent	37%, 60%, 0%
CMY	0.6275, 0.4000, 1.0000
CMYK	0.38, 0.00, 1.00, 0.40
HSL	83°, 100%, 30%
HSV	83°, 100%, 60%
XYZ	16.1105, 25.2154, 4.0179
YIQ	118.2160, 14.5450, -59.8790

# Conversions

## Conversions Part 2

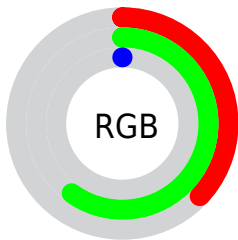
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 58
Decimal	6265088
CIELab	57.28, -39.17, 59.77
CIELCh	57, 71.460, 123.240
Yxy	25.2154, 0.3553, 0.5561
Android (android.graphics.Color)	4284455168 (0xFF5F9900)
YUV	118.2160, -58.2805, -20.3604
Hunter-Lab	50.2149, -30.6076, 30.4063

# Details

The Hex color **5F9900** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3A0099**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **97D047**, and **266500** is the 20% darker color. If you saturate the color by 10%, you get **5F9900**, and if you desaturate by 10%, it is **65990F**.

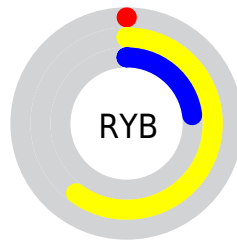
# Distribution



Red (37%)

Green (60%)

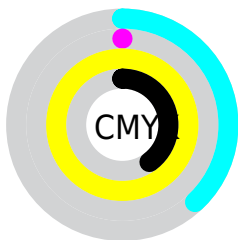
Blue (0%)



Red (0%)

Yellow (60%)

Blue (23%)

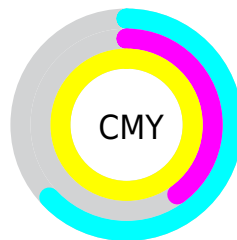


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (63%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F9900 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 5F9900 by changing the saturation by 10% instead.



 5F9900

 5F9900

FFFFFF

 437F00

 97D047

 266500

 B3EC62

 004D00

 D0FF7D

 003500

 EEFF99

 002100

 FFFFB5

 000000

 FFFFD2

 FFFFEF

 5F9900

 65990F

 6B991F

 70992E

 76993D

 7C994D

 82995C

 88996B

 8D997A

 93998A

# Harmonies

## Analogous

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



9F8900



5F9900



00A24E

# Triad

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



5F9900



009EF9



F64385

# Complementary

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



5F9900



3A0099

# 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.



D956C3



5F9900



008FFF

# Square

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



5F9900



00A5CD



9076F3



F05349

# Rectangle

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



5F9900



00A579



9076F3



F0459A



# Sweetspot

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



5F9900



B0C78B



993800



566340



E3E3E3



636363



# Same Dimension

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



5F9900



7CC700



149900



4A4D45



578C00



080D00



# Inverse Universe

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



3A0099



4B00C7



850099



48454D



35008C



05000D



# Previews

## White Background



This preview shows how the Hex color 5F9900 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 5F9900 Background



This preview shows how black text looks on a background with the Hex color 5F9900.

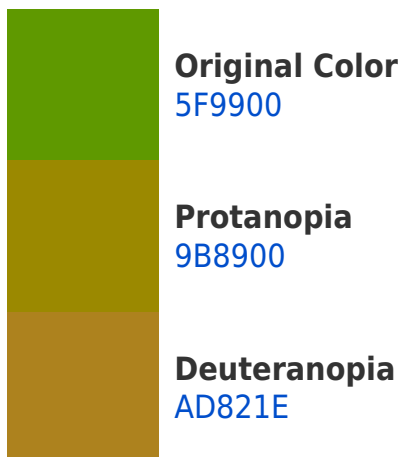


This preview shows how white text looks on a background with the Hex color 5F9900.

# 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





**Tritanopia**  
708E9A

# Trichromacy



**Original Color**  
5F9900



**Protanomaly**  
858F00



**Deuteranomaly**  
918A13



**Tritanomaly**  
6A9262

# Monochromacy



**Original Color**  
5F9900



**Achromatopsia**  
767676



**Achromatomaly**  
6E834B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F9900 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 #5F9900 looks like.

```
.text, #text, p{  
    color:#5F9900  
}
```

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 #5F9900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9900
}
```

## Border

The CSS property to change the border of an element to Hex 5F9900 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
#5F9900 }
```

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

```
.border{ border-color:#5F9900 }
```

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

Here you see how a box with a 4 pixel #5F9900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9900; -webkit-box-shadow:4px 4px  
4px 4px #5F9900; box-shadow:4px 4px 4px  
4px #5F9900 }
```

# Background

The CSS property to change the background color of an element to Hex 5F9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9900 }
```

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

```
.background{ background-color:#5F9900 }
```

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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