

# Converting Colors

Hex(5F6D00)

Have a look what the booklet for  
Hex(5F6D00) contains.

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**Color**

**Hex(5F6D00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F6D00
RGB	95, 109, 0
RGB Percent	37%, 43%, 0%
CMY	0.6275, 0.5725, 1.0000
CMYK	0.13, 0.00, 1.00, 0.57
HSL	68°, 100%, 21%
HSV	68°, 100%, 43%
XYZ	10.1880, 13.3702, 2.0437
YIQ	92.3880, 26.6450, -36.8670

# Conversions

## Conversions Part 2

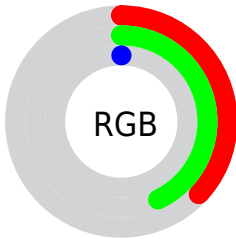
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 109, 14
Decimal	6253824
CIELab	43.32, -18.16, 49.12
CIELCh	43, 52.366, 110.290
Yxy	13.3702, 0.3979, 0.5222
Android (android.graphics.Color)	4284443904 (0xFF5F6D00)
YUV	92.3880, -45.5473, 2.2907
Hunter-Lab	36.5652, -14.2548, 22.2818

# Details

The Hex color **5F6D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E006D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **95A03D**, and **2C3E00** is the 20% darker color. If you saturate the color by 10%, you get **5F6D00**, and if you desaturate by 10%, it is **606D0B**.

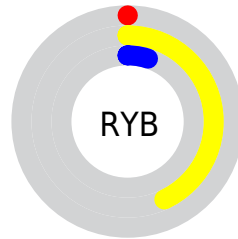
# Distribution



Red (37%)

Green (43%)

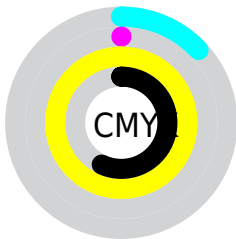
Blue (0%)



Red (0%)

Yellow (43%)

Blue (5%)

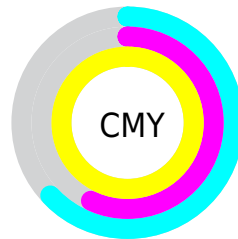


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (63%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F6D00 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 5F6D00 by changing the saturation by 10% instead.



 5F6D00

 5F6D00

 FFFFFC

 455500

 95A03D

 2C3E00

 B0BB56

 132800

 CDD770

 001400

 EAF38B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 5F6D00

 606D0B

 626D16

 636D21

 656D2C

 666D37

 676D41

 696D4C

 6A6D57

 6C6D62

# Harmonies

## Analogous

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



875F00



5F6D00



25752B

# Triad

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



5F6D00



0078A8



AD3C76

# Complementary

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



5F6D00



0E006D

# 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.



8C4D9E



5F6D00



0070BC

# Square

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



5F6D00



007A83



4861B8



B33C4B

# Rectangle

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



5F6D00



007847



4861B8



A54085



# Sweetspot

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



5F6D00



898F64



6D0D00



44472E



C7C7C7



474747



# Same Dimension

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



5F6D00



7C8F00



2A6D00



353630



667500



D5F500



# Inverse Universe

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



0E006D



12008F



43006D



313036



0F0075



1F00F5



# Previews

## White Background



This preview shows how the Hex color 5F6D00 looks on a white background.

## Color Contrast Check

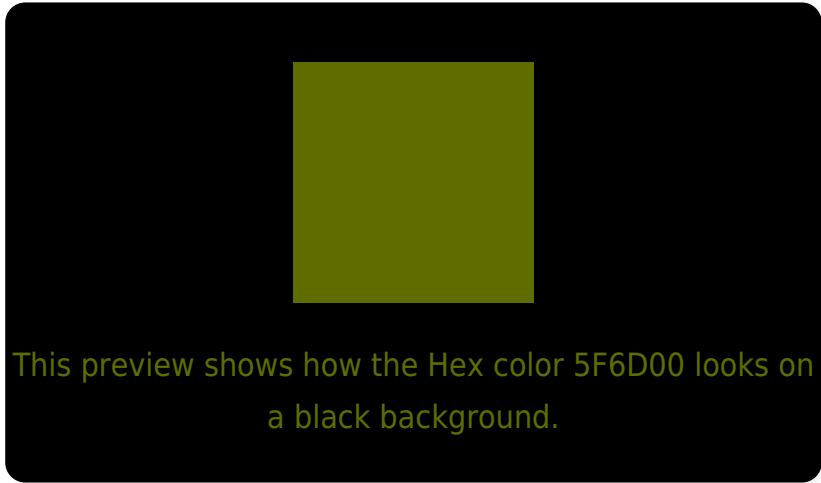
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5F6D00 Background



This preview shows how black text looks on a background with the Hex color 5F6D00.



This preview shows how white text looks on a background with the Hex color 5F6D00.

# 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**  
5F6D00

**Protanopia**  
736700

**Deuteranopia**  
816113



**Tritanopia**  
67656D

# Trichromacy



**Original Color**  
5F6D00

**Protanomaly**  
6C6900

**Deuteranomaly**  
75650C

**Tritanomaly**  
646845

# Monochromacy



**Original Color**  
5F6D00

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
5D623B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F6D00 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 #5F6D00 looks like.

```
.text, #text, p{  
    color:#5F6D00  
}
```

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 #5F6D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6D00  
}
```

## Border

The CSS property to change the border of an element to Hex 5F6D00 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  
#5F6D00 }
```

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

```
.border{ border-color:#5F6D00 }
```

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

Here you see how a box with a 4 pixel #5F6D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6D00; -webkit-box-shadow:4px 4px  
4px 4px #5F6D00; box-shadow:4px 4px 4px  
4px #5F6D00 }
```

# Background

The CSS property to change the background color of an element to Hex 5F6D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6D00 }
```

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

```
.background{ background-color:#5F6D00 }
```

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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