

# Converting Colors

Hex(5B6F00)

Have a look what the booklet for  
Hex(5B6F00) contains.

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**Color**

**Hex(5B6F00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6F00
RGB	91, 111, 0
RGB Percent	36%, 44%, 0%
CMY	0.6431, 0.5647, 1.0000
CMYK	0.18, 0.00, 1.00, 0.56
HSL	71°, 100%, 22%
HSV	71°, 100%, 44%
XYZ	9.9988, 13.5930, 2.0967
YIQ	92.3660, 23.7110, -38.7610

# Conversions

## Conversions Part 2

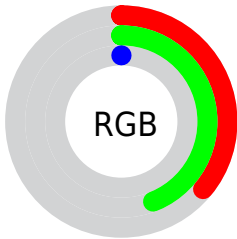
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 20
Decimal	5992192
CIELab	43.64, -21.05, 49.23
CIELCh	44, 53.539, 113.153
Yxy	13.5930, 0.3892, 0.5291
Android (android.graphics.Color)	4284182272 (0xFF5B6F00)
YUV	92.3660, -45.5364, -1.1980
Hunter-Lab	36.8687, -16.1109, 22.4363

# Details

The Hex color **5B6F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14006F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **90A33D**, and **283F00** is the 20% darker color. If you saturate the color by 10%, you get **5B6F00**, and if you desaturate by 10%, it is **5D6F0B**.

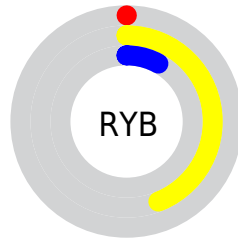
# Distribution



Red (36%)

Green (44%)

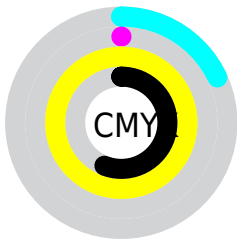
Blue (0%)



Red (0%)

Yellow (44%)

Blue (8%)

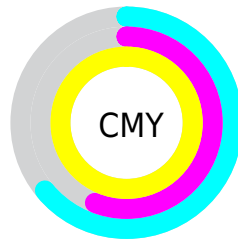


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (64%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6F00 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 5B6F00 by changing the saturation by 10% instead.



 5B6F00

 5B6F00

 FFFFFC

 415700

 90A33D

 283F00

 ACBE57

 0E2900

 C8D971

 001500

 E5F68B

 000000

 FFFFA7


 FFFFC3

 FFFFDF

 5B6F00

 5D6F0B

 5F6F16

 616F21

 636F2C

 656F38

 676F43

 696F4E

 6B6F59

 6D6F64

# Harmonies

## Analogous

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



856200



5B6F00



18772E

# Triad

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



5B6F00



0078AE



B13A73

# Complementary

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



5B6F00



14006F

# 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.



924B9D



5B6F00



006FC0

# Square

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



5B6F00



007B89



5160B9



B53D47

# Rectangle

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



5B6F00



007A4C



5160B9



AA3E82



# Sweetspot

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



5B6F00



899166



6F1200



454A2F



C9C9C9



4A4A4A



# Same Dimension

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



5B6F00



779100



256F00



373832



627800



CBF700



# Inverse Universe

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



14006F



1A0091



4A006F



343238



160078



2D00F7



# Previews

## White Background



This preview shows how the Hex color 5B6F00 looks on a white background.

## Color Contrast Check

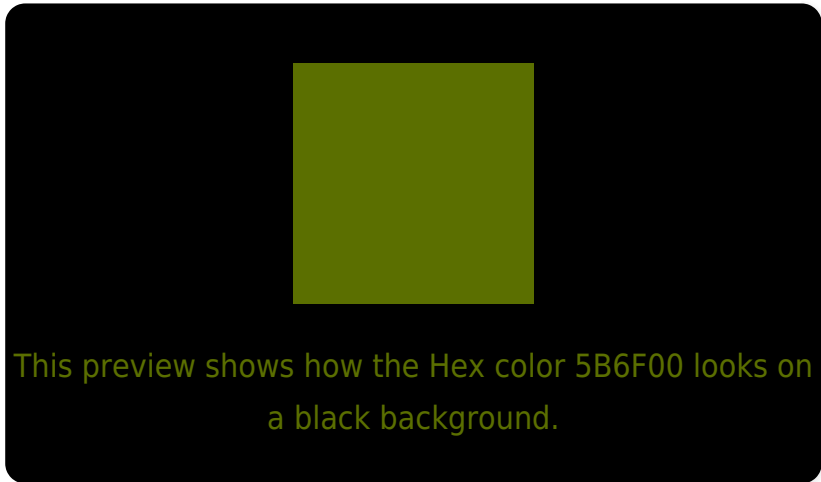
Large Text (above 18pt) WCAG AA ✓ Pass

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

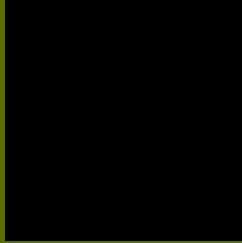
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B6F00 Background



This preview shows how black text looks on a background with the Hex color 5B6F00.



This preview shows how white text looks on a background with the Hex color 5B6F00.

# 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**  
5B6F00

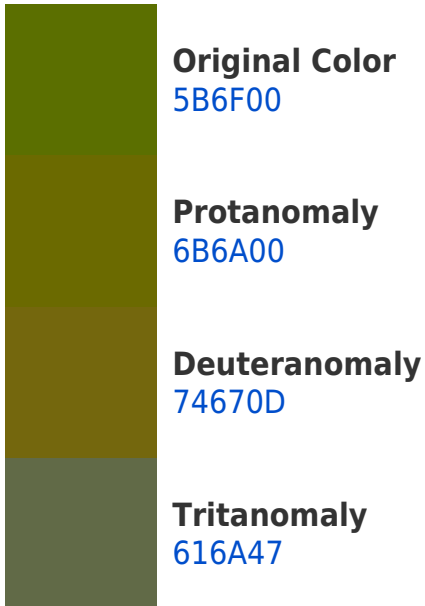
**Protanopia**  
746700

**Deuteranopia**  
826214



**Tritanopia**  
64676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6F00 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 #5B6F00 looks like.

```
.text, #text, p{  
    color:#5B6F00  
}
```

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 #5B6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6F00
}
```

## Border

The CSS property to change the border of an element to Hex 5B6F00 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
#5B6F00 }
```

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

```
.border{ border-color:#5B6F00 }
```

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

Here you see how a box with a 4 pixel #5B6F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6F00; -webkit-box-shadow:4px 4px  
4px 4px #5B6F00; box-shadow:4px 4px 4px  
4px #5B6F00 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6F00 }
```

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

```
.background{ background-color:#5B6F00 }
```

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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