

Converting Colors

Hex(5F6C00)

Have a look what the booklet for
Hex(5F6C00) contains.

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Color

Hex(5F6C00)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C00
RGB	95, 108, 0
RGB Percent	37%, 42%, 0%
CMY	0.6275, 0.5765, 1.0000
CMYK	0.12, 0.00, 1.00, 0.58
HSL	67°, 100%, 21%
HSV	67°, 100%, 42%
XYZ	10.0819, 13.1580, 2.0084
YIQ	91.8010, 26.9200, -36.3440

Conversions

Conversions Part 2

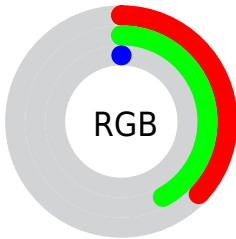
Format	Color
RYB	0, 108, 13
Decimal	6253568
CIELab	43.00, -17.63, 48.88
CIElCh	43, 51.962, 109.830
Yxy	13.1580, 0.3993, 0.5211
Android (android.graphics.Color)	4284443648 (0xFF5F6C00)
YUV	91.8010, -45.2579, 2.8055
Hunter-Lab	36.2740, -13.8677, 22.1091

Details

The Hex color **5F6C00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0D006C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **959F3C**, and **2C3D00** is the 20% darker color. If you saturate the color by 10%, you get **5F6C00**, and if you desaturate by 10%, it is **606C0B**.

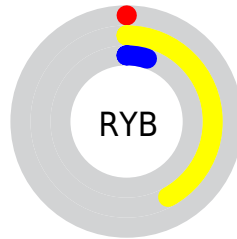
Distribution



Red (37%)

Green (42%)

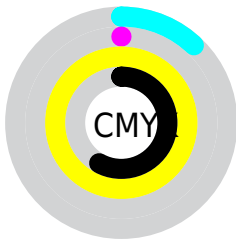
Blue (0%)



Red (0%)

Yellow (42%)

Blue (5%)

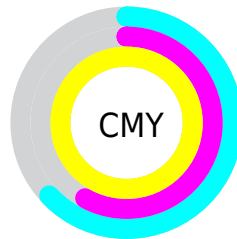


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (63%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F6C00 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 5F6C00 by changing the saturation by 10% instead.

 5F6C00

 5F6C00

 FFFFFB

 455400

 959F3C

 2C3D00

 B0BA56

 132700

 CDD670

 001200

 EAF28B

 000000

 FFFFA6

 FFFFC2

 FFFFDE

 5F6C00

 606C0B

 626C16

 636C20

 646C2B

 666C36

 676C41

 686C4C

 696C56

 6B6C61

Harmonies

Analogous

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



865E00



5F6C00



26742A

Triad

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



5F6C00



0077A7



AB3C76

Complementary

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



5F6C00



0D006C

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.



8A4D9E



5F6C00



006FBA

Square

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



5F6C00



007982



4660B7



B23C4B

Rectangle

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



5F6C00



007846



4660B7



A34084

Sweetspot

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



5F6C00



878C62



6C0D00



44472E



C7C7C7



474747

Same Dimension

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



5F6C00



7B8C00



296C00



353630



677500



D7F500

Inverse Universe

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



0D006C



11008C



43006C



313036



0E0075



1D00F5

Previews

White Background



This preview shows how the Hex color 5F6C00 looks on a white background.

Color Contrast Check

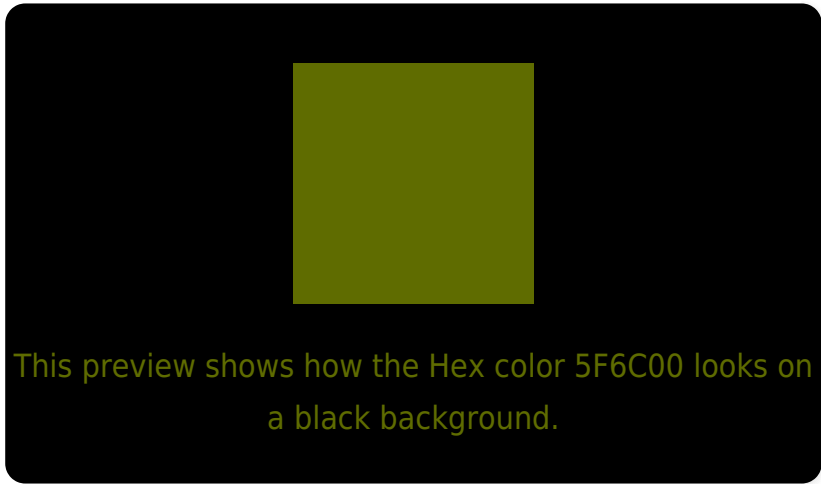
Large Text (above 18pt) WCAG AA ✓ Pass

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

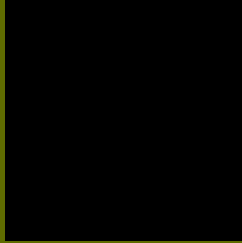
Any Text WCAG AA × Fail

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 5F6C00 Background



This preview shows how black text looks on a background with the Hex color 5F6C00.



This preview shows how white text looks on a background with the Hex color 5F6C00.

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
5F6C00

Protanopia
736600

Deuteranopia
806012



Tritanopia
67646C

Trichromacy



Original Color
5F6C00

Protanomaly
6C6800

Deuteranomaly
74640B

Tritanomaly
646745

Monochromacy



Original Color
5F6C00

Achromatopsia
5C5C5C

Achromatomaly
5D623B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F6C00 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 #5F6C00 looks like.

```
.text, #text, p{  
    color:#5F6C00  
}
```

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 #5F6C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F6C00
}
```

Border

The CSS property to change the border of an element to Hex 5F6C00 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
#5F6C00 }
```

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

```
.border{ border-color:#5F6C00 }
```

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

Here you see how a box with a 4 pixel #5F6C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F6C00; -webkit-box-shadow:4px 4px  
4px 4px #5F6C00; box-shadow:4px 4px 4px  
4px #5F6C00 }
```

Background

The CSS property to change the background color of an element to Hex 5F6C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F6C00 }
```

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

```
.background{ background-color:#5F6C00 }
```

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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