

# Converting Colors

Hex(597D06)

Have a look what the booklet for  
Hex(597D06) contains.

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**Color**

**Hex(597D06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	597D06
RGB	89, 125, 6
RGB Percent	35%, 49%, 2%
CMY	0.6510, 0.5098, 0.9765
CMYK	0.29, 0.00, 0.95, 0.51
HSL	78°, 91%, 26%
HSV	78°, 95%, 49%
XYZ	11.4863, 16.8042, 2.8104
YIQ	100.6700, 16.7430, -44.6410

# Conversions

## Conversions Part 2

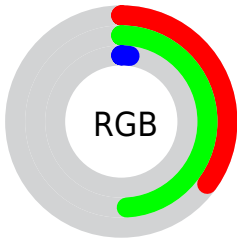
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	6, 125, 42
Decimal	5864710
CIE Lab	48.01, -28.71, 51.26
CIE LCh	48, 58.754, 119.256
Yxy	16.8042, 0.3693, 0.5403
Android (android.graphics.Color)	4284054790 (0xFF597D06)
YUV	100.6700, -46.6723, -10.2346
Hunter-Lab	40.9930, -21.7216, 24.6302

# Details

The Hex color **597D06** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2A067D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8FB243**, and **254C00** is the 20% darker color. If you saturate the color by 10%, you get **577D00**, and if you desaturate by 10%, it is **5D7D13**.

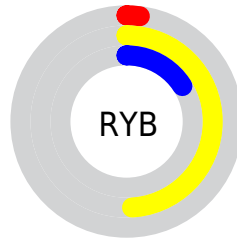
# Distribution



Red (35%)

Green (49%)

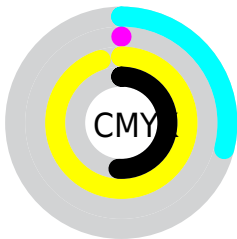
Blue (2%)



Red (2%)

Yellow (49%)

Blue (16%)

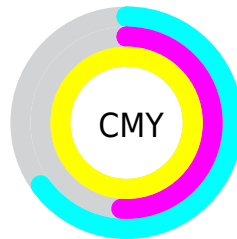


Cyan (29%)

Magenta (0%)

Yellow (95%)

Black (51%)



Cyan (65%)

Magenta (51%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 597D06 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 597D06 by changing the saturation by 10% instead.





597D06



597D06

FFFFFF



3F6400



8FB243



254C00



AACD5D



053500



C7EA78



002100



E4FF93



000000



FFFFAE



FFFCA



FFFFE7



597D06



597D06

■ 577D00

■ 5D7D13

■ 617D1F

■ 647D2B

■ 687D38

■ 6C7D45

■ 707D51

■ 737D5E

■ 777D6A

■ 7B7D76

# Harmonies

## Analogous

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



8A6F00



597D06



00853C

# Triad

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



597D06



0084C7



C73D75

# Complementary

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



597D06



2A067D

# 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.



AC4DA5



597D06



0078D6

# Square

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



597D06



0088A1



6D65C9



C64545

# Rectangle

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



597D06



00875E



6D65C9



C14086



# Sweetspot

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



597D06



95A374



7D2A06



495235



D1D1D1



525252



# Same Dimension

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



597D06



72A300



1E7D06



3E4039



598000



000000



# Inverse Universe

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



2A067D



3100A3



65067D



3B3940



270080



000000



# Previews

## White Background



This preview shows how the Hex color 597D06 looks on a white background.

## Color Contrast Check

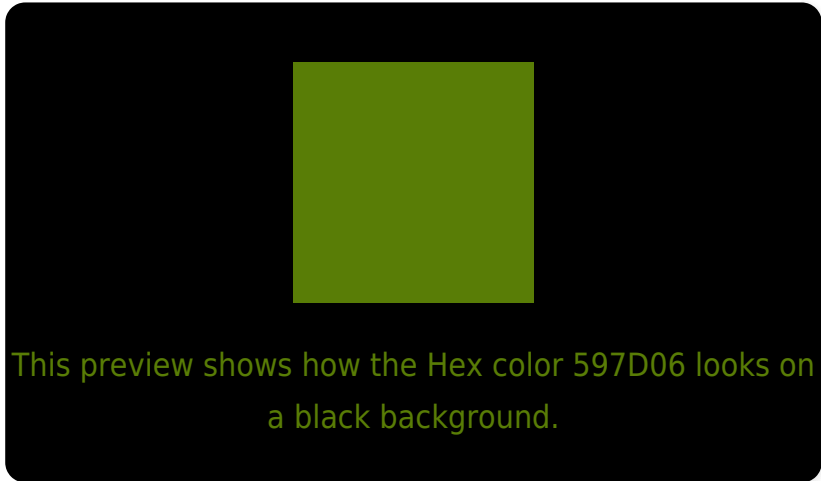
Large Text (above 18pt) WCAG AA ✓ Pass

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 597D06 Background



This preview shows how black text looks on a background with the Hex color 597D06.



This preview shows how white text looks on a background with the Hex color 597D06.

# 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**  
597D06

**Protanopia**  
807200

**Deuteranopia**  
8F6C18



**Tritanopia**  
65747D

# Trichromacy



**Original Color**  
597D06

**Protanomaly**  
727602

**Deuteranomaly**  
7B7211

**Tritanomaly**  
617752

# Monochromacy



**Original Color**  
597D06

**Achromatopsia**  
656565

**Achromatomaly**  
616E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 597D06 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 #597D06 looks like.

```
.text, #text, p{  
    color:#597D06  
}
```

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 #597D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #597D06
}
```

## Border

The CSS property to change the border of an element to Hex 597D06 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".

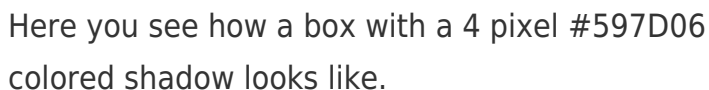
```
.border, #border, table{ border:4px solid
#597D06 }
```

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

```
.border{ border-color:#597D06 }
```

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

Here you see how a box with a 4 pixel #597D06 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #597D06; -webkit-box-shadow:4px 4px  
4px 4px #597D06; box-shadow:4px 4px 4px  
4px #597D06 }
```

# Background

The CSS property to change the background color of an element to Hex 597D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#597D06 }
```

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

```
.background{ background-color:#597D06 }
```

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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