

# Converting Colors

Hex(5D7800)

Have a look what the booklet for  
Hex(5D7800) contains.

<b>Hex(5D7800)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5D7800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D7800
RGB	93, 120, 0
RGB Percent	36%, 47%, 0%
CMY	0.6353, 0.5294, 1.0000
CMYK	0.22, 0.00, 1.00, 0.53
HSL	74°, 100%, 24%
HSV	74°, 100%, 47%
XYZ	11.2307, 15.7601, 2.4501
YIQ	98.2470, 22.4280, -43.0440

# Conversions

## Conversions Part 2

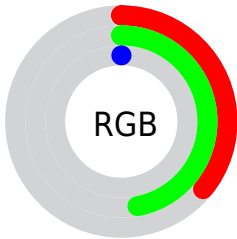
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 120, 27
Decimal	6125568
CIELab	46.66, -24.72, 51.57
CIELCh	47, 57.188, 115.616
Yxy	15.7601, 0.3815, 0.5353
Android (android.graphics.Color)	4284315648 (0xFF5D7800)
YUV	98.2470, -48.4358, -4.6016
Hunter-Lab	39.6990, -18.9764, 24.1301

# Details

The Hex color **5D7800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1B0078**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **93AC3F**, and **2A4700** is the 20% darker color. If you saturate the color by 10%, you get **5D7800**, and if you desaturate by 10%, it is **60780C**.

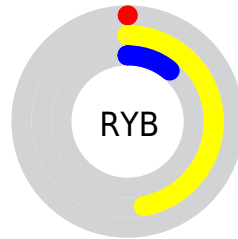
# Distribution



Red (36%)

Green (47%)

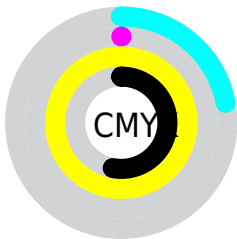
Blue (0%)



Red (0%)

Yellow (47%)

Blue (11%)

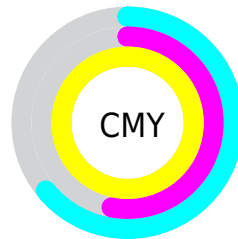


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D7800 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 5D7800 by changing the saturation by 10% instead.



 5D7800

 5D7800

FFFFFF

 435F00

 93AC3F

 2A4700

 AFC859

 0D3100

 CBE474

 001E00

 E8FF8E

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 5D7800

 60780C

 627818

 657824

 687830

 6A783C

 6D7848

 707854

 737860

 75786C

# Harmonies

## Analogous

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



8B6A00



5D7800



048035

# Triad

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



5D7800



0081BD



BF3C78

# Complementary

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



5D7800



1B0078

# 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.



A14EA6



5D7800



0077CF

# Square

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



5D7800



008497



5F65C6



C24248

# Rectangle

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



5D7800



008355



5F65C6



B94088



# Sweetspot

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



5D7800



919C6D



781A00



494F33



CFCFCF



4F4F4F



# Same Dimension

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



5D7800



799C00



227800



3C3D37



617D00



C4FC00



# Inverse Universe

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



1B0078



23009C



560078



38373D



1C007D



3900FC



# Previews

## White Background



This preview shows how the Hex color 5D7800 looks on a white background.

## Color Contrast Check

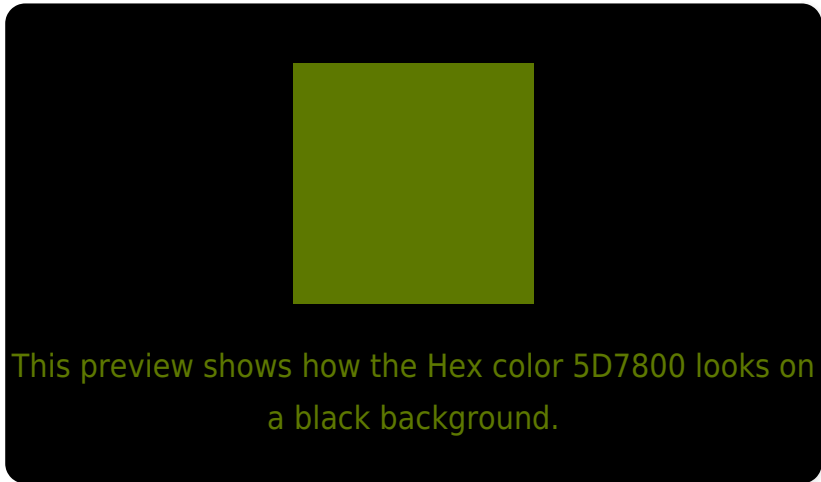
Large Text (above 18pt) WCAG AA ✓ Pass

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 5D7800 Background



This preview shows how black text looks on a background with the Hex color 5D7800.



This preview shows how white text looks on a background with the Hex color 5D7800.

# 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**  
5D7800

**Protanopia**  
7D6F00

**Deuteranopia**  
8B6916



**Tritanopia**  
677078

# Trichromacy



**Original Color**  
5D7800

**Protanomaly**  
717200

**Deuteranomaly**  
7A6E0E

**Tritanomaly**  
63734C

# Monochromacy



**Original Color**  
5D7800

**Achromatopsia**  
626262

**Achromatomaly**  
606A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D7800 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 #5D7800 looks like.

```
.text, #text, p{  
    color:#5D7800  
}
```

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 #5D7800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D7800
}
```

## Border

The CSS property to change the border of an element to Hex 5D7800 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
#5D7800 }
```

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

```
.border{ border-color:#5D7800 }
```

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

Here you see how a box with a 4 pixel #5D7800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D7800; -webkit-box-shadow:4px 4px  
4px 4px #5D7800; box-shadow:4px 4px 4px  
4px #5D7800 }
```

# Background

The CSS property to change the background color of an element to Hex 5D7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D7800 }
```

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

```
.background{ background-color:#5D7800 }
```

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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