

# Converting Colors

Hex(587900)

Have a look what the booklet for  
Hex(587900) contains.

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**Color**

**Hex(587900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	587900
RGB	88, 121, 0
RGB Percent	35%, 47%, 0%
CMY	0.6549, 0.5255, 1.0000
CMYK	0.27, 0.00, 1.00, 0.53
HSL	76°, 100%, 24%
HSV	76°, 100%, 47%
XYZ	10.8619, 15.7495, 2.4675
YIQ	97.3390, 19.1730, -44.6270

# Conversions

## Conversions Part 2

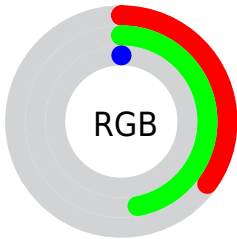
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 121, 33
Decimal	5798144
CIELab	46.64, -27.38, 51.41
CIELCh	47, 58.246, 118.038
Yxy	15.7495, 0.3735, 0.5416
Android (android.graphics.Color)	4283988224 (0xFF587900)
YUV	97.3390, -47.9881, -8.1903
Hunter-Lab	39.6856, -20.5946, 24.0935

# Details

The Hex color **587900** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **210079**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8EAE3F**, and **244800** is the 20% darker color. If you saturate the color by 10%, you get **587900**, and if you desaturate by 10%, it is **5B790C**.

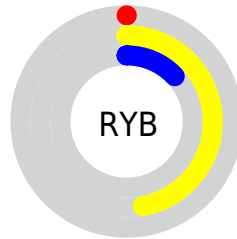
# Distribution



Red (35%)

Green (47%)

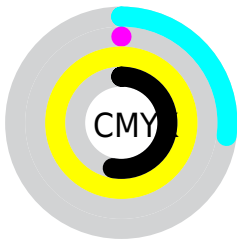
Blue (0%)



Red (0%)

Yellow (47%)

Blue (13%)

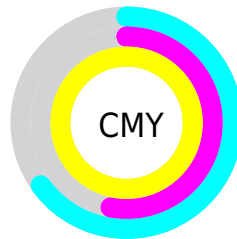


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 587900 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 587900 by changing the saturation by 10% instead.



 587900

 587900

FFFFFF

 3E6000

 8EAE3F

 244800

 A9C959

 053100

 C6E574

 001F00

 E3FF8F

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 587900

 5B790C

 5F7918

 627924

 657930

 69793C

 6C7949

 6F7955

 727961

 76796D

# Harmonies

## Analogous

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



886B00



587900



008137

# Triad

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



587900



0080C1



C23A74

# Complementary

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



587900



210079

# 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.



A64BA3



587900



0075D1

# Square

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



587900



00849B



6563C6



C24244

# Rectangle

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



587900



008459



6563C6



BC3E84



# Sweetspot

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



587900



919E6F



792000



474F33



CFCFCF



4F4F4F



# Same Dimension

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



587900



739E00



1C7900



3C3D37



5B7D00



B8FC00



# Inverse Universe

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



210079



2B009E



5D0079



39373D



22007D



4500FC



# Previews

## White Background



This preview shows how the Hex color 587900 looks on a white background.

## Color Contrast Check

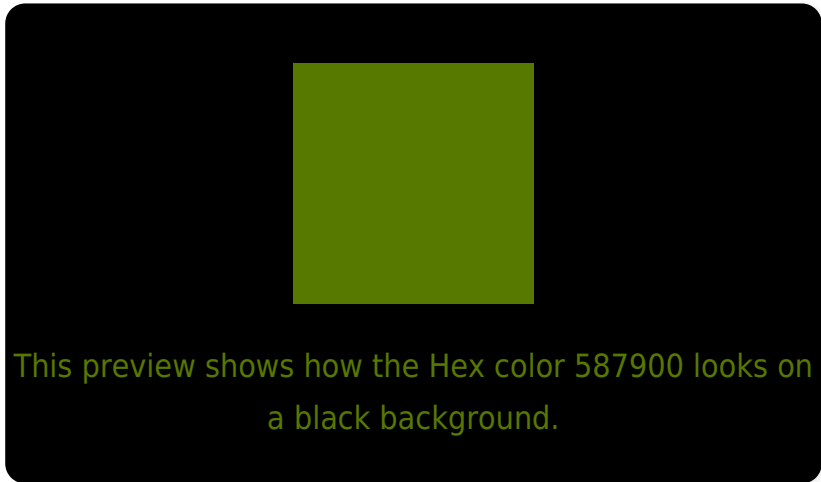
Large Text (above 18pt) WCAG AA ✓ Pass

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 587900 Background



This preview shows how black text looks on a background with the Hex color 587900.



This preview shows how white text looks on a background with the Hex color 587900.

# 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**  
587900

**Protanopia**  
7D6F00

**Deuteranopia**  
8B6917



**Tritanopia**  
637079

# Trichromacy



**Original Color**  
587900

**Protanomaly**  
707300

**Deuteranomaly**  
786F0F

**Tritanomaly**  
5F734D

# Monochromacy



**Original Color**  
587900

**Achromatopsia**  
616161

**Achromatomaly**  
5E6A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 587900 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 #587900 looks like.

```
.text, #text, p{  
    color:#587900  
}
```

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 #587900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587900
}
```

## Border

The CSS property to change the border of an element to Hex 587900 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
#587900 }
```

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

```
.border{ border-color:#587900 }
```

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

Here you see how a box with a 4 pixel #587900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587900; -webkit-box-shadow:4px 4px  
4px 4px #587900; box-shadow:4px 4px 4px  
4px #587900 }
```

# Background

The CSS property to change the background color of an element to Hex 587900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587900 }
```

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

```
.background{ background-color:#587900 }
```

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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