

Converting Colors

Hex(577900)

Have a look what the booklet for
Hex(577900) contains.

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Color

Hex(577900)

Conversions

Conversions Part 1

Format	Color
Hex	577900
RGB	87, 121, 0
RGB Percent	34%, 47%, 0%
CMY	0.6588, 0.5255, 1.0000
CMYK	0.28, 0.00, 1.00, 0.53
HSL	77°, 100%, 24%
HSV	77°, 100%, 47%
XYZ	10.7679, 15.7010, 2.4631
YIQ	97.0400, 18.5770, -44.8390

Conversions

Conversions Part 2

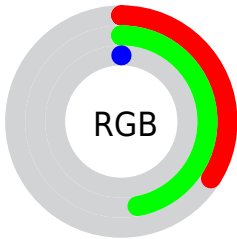
Format	Color
RYB	0, 121, 34
Decimal	5732608
CIELab	46.58, -27.80, 51.33
CIELCh	47, 58.379, 118.442
Yxy	15.7010, 0.3722, 0.5427
Android (android.graphics.Color)	4283922688 (0xFF577900)
YUV	97.0400, -47.8407, -8.8051
Hunter-Lab	39.6245, -20.8359, 24.0516

Details

The Hex color **577900** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **220079**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8DAE3F**, and **234800** is the 20% darker color. If you saturate the color by 10%, you get **577900**, and if you desaturate by 10%, it is **5A790C**.

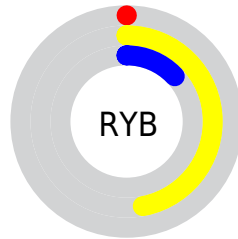
Distribution



Red (34%)

Green (47%)

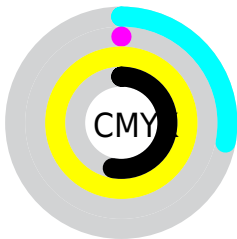
Blue (0%)



Red (0%)

Yellow (47%)

Blue (13%)

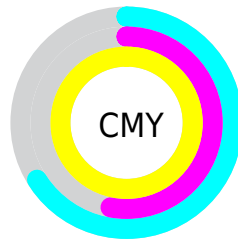


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (66%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 577900 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 577900 by changing the saturation by 10% instead.

 577900

 577900

FFFFFF

 3D6000

 8DAE3F

 234800

 A8C959

 043100

 C5E574

 001F00

 E1FF8F

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 577900

 5A790C

 5E7918

 617924

 657930

 68793C

 6B7949

 6F7955

 727961

 76796D

Harmonies

Analogous

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



876B00



577900



008138

Triad

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



577900



0080C2



C23A73

Complementary

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



577900



220079

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.



A64AA2



577900



0075D1

Square

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



577900



00849C



6662C5



C24143

Rectangle

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



577900



008359



6662C5



BC3D83

Sweetspot

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



577900



919E6F



792000



474F33



CFCFCF



4F4F4F

Same Dimension

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



577900



729E00



1C7900



3B3D37



5A7D00



B6FC00

Inverse Universe

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



220079



2C009E



5D0079



39373D



23007D



4700FC

Previews

White Background



This preview shows how the Hex color 577900 looks on a white background.

Color Contrast Check

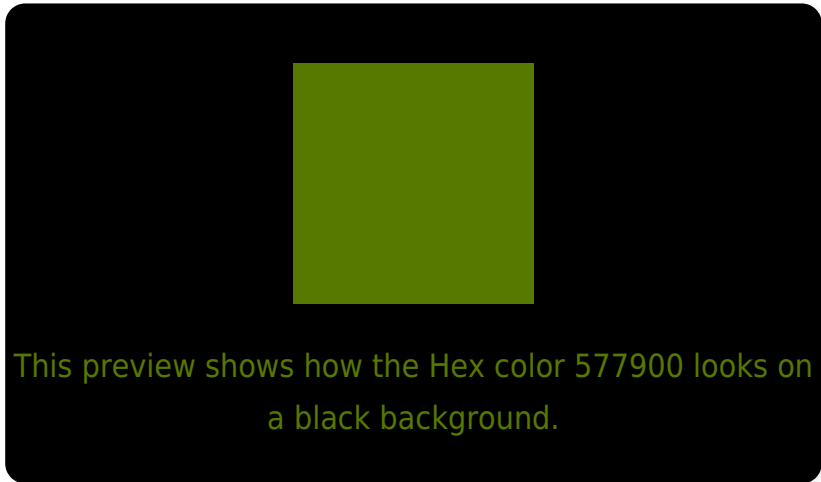
Large Text (above 18pt) WCAG AA ✓ Pass

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 577900 Background



This preview shows how black text looks on a background with the Hex color 577900.



This preview shows how white text looks on a background with the Hex color 577900.

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
577900

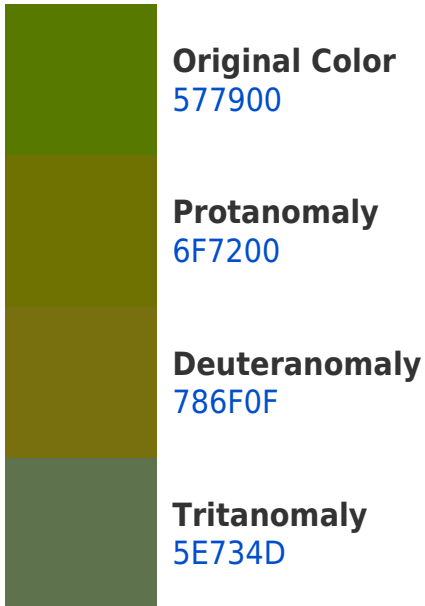
Protanopia
7C6E00

Deuteranopia
8B6917



Tritanopia
627079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 577900 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 #577900 looks like.

```
.text, #text, p{  
    color:#577900  
}
```

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 #577900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #577900
}
```

Border

The CSS property to change the border of an element to Hex 577900 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
#577900 }
```

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

```
.border{ border-color:#577900 }
```

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

Here you see how a box with a 4 pixel #577900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #577900; -webkit-box-shadow:4px 4px  
4px 4px #577900; box-shadow:4px 4px 4px  
4px #577900 }
```

Background

The CSS property to change the background color of an element to Hex 577900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#577900 }
```

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

```
.background{ background-color:#577900 }
```

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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