

Converting Colors

Hex(557800)

Have a look what the booklet for
Hex(557800) contains.

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Color

Hex(557800)

Conversions

Conversions Part 1

Format	Color
Hex	557800
RGB	85, 120, 0
RGB Percent	33%, 47%, 0%
CMY	0.6667, 0.5294, 1.0000
CMYK	0.29, 0.00, 1.00, 0.53
HSL	78°, 100%, 24%
HSV	78°, 100%, 47%
XYZ	10.4628, 15.3642, 2.4141
YIQ	95.8550, 17.6600, -44.7400

Conversions

Conversions Part 2

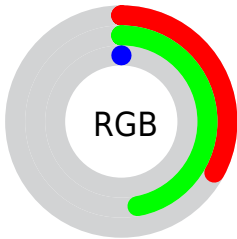
Format	Color
RYB	0, 120, 35
Decimal	5601280
CIELab	46.13, -28.17, 50.93
CIELCh	46, 58.203, 118.945
Yxy	15.3642, 0.3705, 0.5440
Android (android.graphics.Color)	4283791360 (0xFF557800)
YUV	95.8550, -47.2565, -9.5198
Hunter-Lab	39.1972, -20.9488, 23.7864

Details

The Hex color **557800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **230078**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8BAC3F**, and **214700** is the 20% darker color. If you saturate the color by 10%, you get **557800**, and if you desaturate by 10%, it is **58780C**.

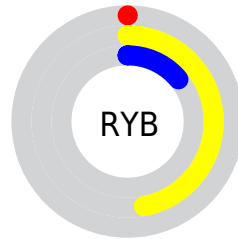
Distribution



Red (33%)

Green (47%)

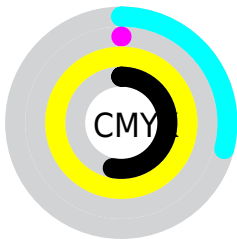
Blue (0%)



Red (0%)

Yellow (47%)

Blue (14%)

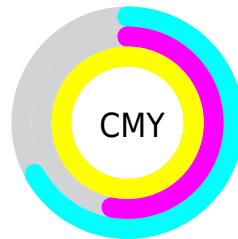


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557800 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 557800 by changing the saturation by 10% instead.

 557800

 557800

FFFFFF

 3B5F00

 8BAC3F

 214700

 A6C859

 013000

 C2E473

 001E00

 DFFF8E

 000000

 FCFFAA

 FFFFC6

 FFFFEE

 557800

 58780C

 5C7818


 5F7824

 637830

 66783C

 6A7848

 6D7854

 717860

 74786C

Harmonies

Analogous

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



856B00



557800



008038

Triad

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



557800



007FC1



C13871

Complementary

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



557800



230078

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.



A549A0



557800



0074CF

Square

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



557800



00839B



6761C3



C04141

Rectangle

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



557800



008259



6761C3



BB3C81

Sweetspot

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



557800



8E9C6D



782200



474F33



CFCFCF



4F4F4F

Same Dimension

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



557800



6E9C00



1A7800



3B3D37



597D00



B3FC00

Inverse Universe

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



230078



2D009C



5E0078



39373D



24007D



4A00FC

Previews

White Background



This preview shows how the Hex color 557800 looks on a white background.

Color Contrast Check

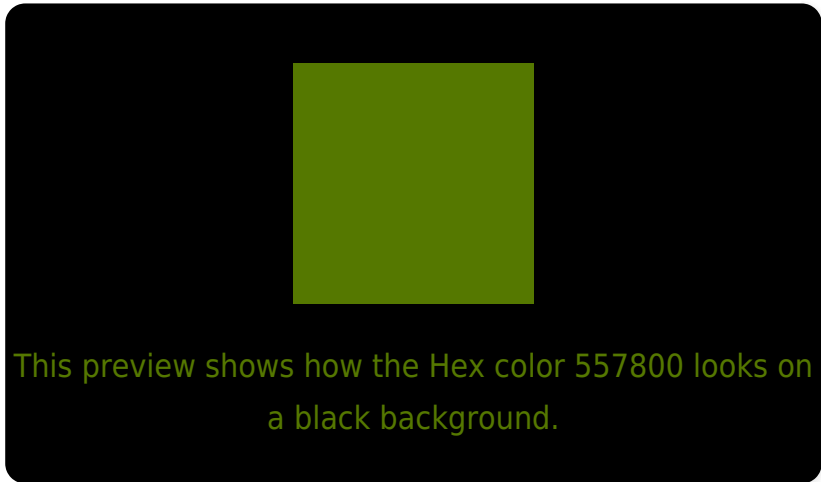
Large Text (above 18pt) WCAG AA ✓ Pass

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 557800 Background



This preview shows how black text looks on a background with the Hex color 557800.



This preview shows how white text looks on a background with the Hex color 557800.

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](#).

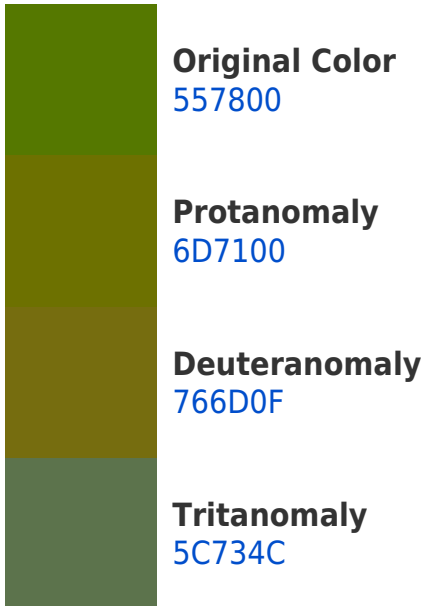
Dichromacy





Tritanopia
607078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 557800 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 #557800 looks like.

```
.text, #text, p{  
    color:#557800  
}
```

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 #557800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557800
}
```

Border

The CSS property to change the border of an element to Hex 557800 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".

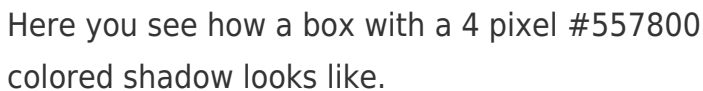
```
.border, #border, table{ border:4px solid
#557800 }
```

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

```
.border{ border-color:#557800 }
```

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

Here you see how a box with a 4 pixel #557800 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557800; -webkit-box-shadow:4px 4px  
4px 4px #557800; box-shadow:4px 4px 4px  
4px #557800 }
```

Background

The CSS property to change the background color of an element to Hex 557800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557800 }
```

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

```
.background{ background-color:#557800 }
```

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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