

Converting Colors

Hex(586E00)

Have a look what the booklet for
Hex(586E00) contains.

Hex(586E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(586E00)

Conversions

Conversions Part 1

Format	Color
Hex	586E00
RGB	88, 110, 0
RGB Percent	35%, 43%, 0%
CMY	0.6549, 0.5686, 1.0000
CMYK	0.20, 0.00, 1.00, 0.57
HSL	72°, 100%, 22%
HSV	72°, 100%, 43%
XYZ	9.6004, 13.2266, 2.0470
YIQ	90.8820, 22.1980, -38.8740

Conversions

Conversions Part 2

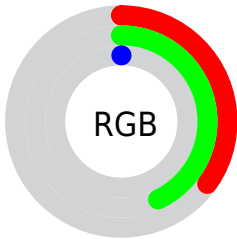
Format	Color
RYB	0, 110, 22
Decimal	5795328
CIELab	43.10, -21.90, 48.72
CIElCh	43, 53.416, 114.201
Yxy	13.2266, 0.3860, 0.5317
Android (android.graphics.Color)	4283985408 (0xFF586E00)
YUV	90.8820, -44.8048, -2.5275
Hunter-Lab	36.3683, -16.5246, 22.1207

Details

The Hex color **586E00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16006E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8DA23D**, and **253E00** is the 20% darker color. If you saturate the color by 10%, you get **586E00**, and if you desaturate by 10%, it is **5A6E0B**.

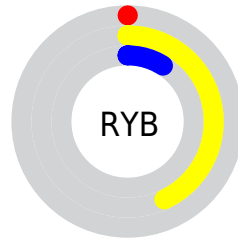
Distribution



Red (35%)

Green (43%)

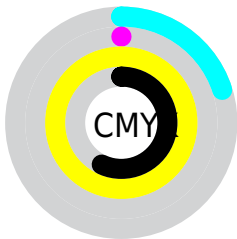
Blue (0%)



Red (0%)

Yellow (43%)

Blue (9%)

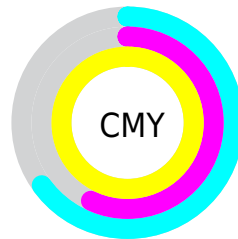


Cyan (20%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586E00 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 586E00 by changing the saturation by 10% instead.

 586E00

 586E00

 FFFFFC

 3E5600

 8DA23D

 253E00

 A9BD56

 0A2800

 C5D870

 001300

 E2F58B

 000000

 FFFFA6

 FFFFC2


 FFFFDE

 586E00

 5A6E0B

 5C6E16

 5F6E21

 616E2C

 636E37

 656E42

 676E4D

 6A6E58

 6C6E63

Harmonies

Analogous

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



826100



586E00



11762E

Triad

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



586E00



0077AD



B03870

Complementary

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



586E00



16006E

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.



92499A



586E00



006EBE

Square

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



586E00



007A89



535EB7



B33C44

Rectangle

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



586E00



00794C



535EB7



A93C7F

Sweetspot

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



586E00



868F64



6E1600



42472E



C7C7C7



474747

Same Dimension

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



586E00



728F00



216E00



373832



607800



C6F700

Inverse Universe

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



16006E



1D008F



4D006E



343238



180078



3100F7

Previews

White Background



This preview shows how the Hex color 586E00 looks on a white background.

Color Contrast Check

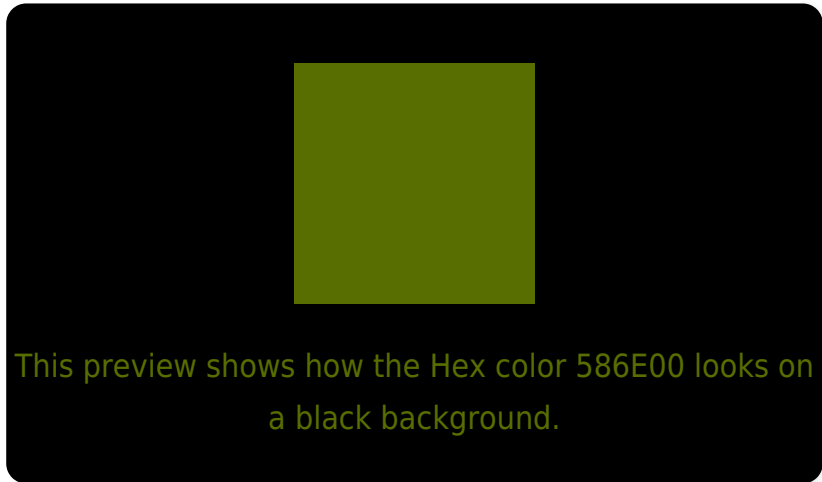
Large Text (above 18pt) WCAG AA ✓ Pass

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 586E00 Background



This preview shows how black text looks on a background with the Hex color 586E00.



This preview shows how white text looks on a background with the Hex color 586E00.

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
586E00

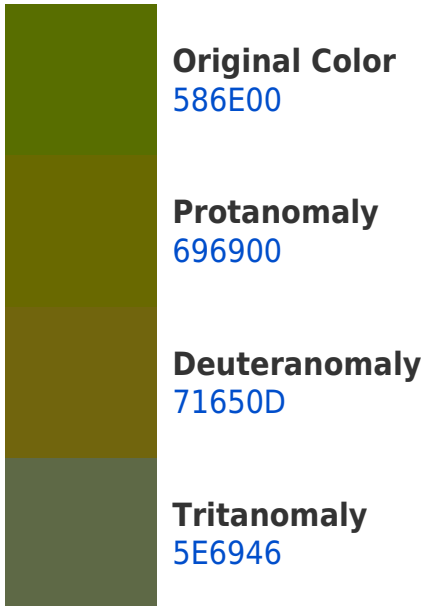
Protanopia
736600

Deuteranopia
806014

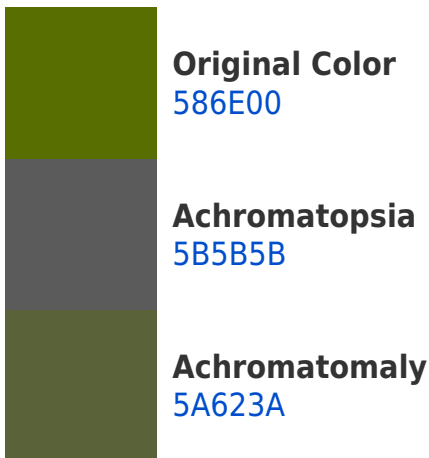


Tritanopia
61666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 586E00 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 #586E00 looks like.

```
.text, #text, p{  
    color:#586E00  
}
```

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 #586E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586E00
}
```

Border

The CSS property to change the border of an element to Hex 586E00 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
#586E00 }
```

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

```
.border{ border-color:#586E00 }
```

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

Here you see how a box with a 4 pixel #586E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586E00; -webkit-box-shadow:4px 4px  
4px 4px #586E00; box-shadow:4px 4px 4px  
4px #586E00 }
```

Background

The CSS property to change the background color of an element to Hex 586E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586E00 }
```

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

```
.background{ background-color:#586E00 }
```

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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