

Converting Colors

Hex(586E01)

Have a look what the booklet for
Hex(586E01) contains.

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Color

Hex(586E01)

Conversions

Conversions Part 1

Format	Color
Hex	586E01
RGB	88, 110, 1
RGB Percent	35%, 43%, 0%
CMY	0.6549, 0.5686, 0.9961
CMYK	0.20, 0.00, 0.99, 0.57
HSL	72°, 98%, 22%
HSV	72°, 99%, 43%
XYZ	9.6059, 13.2288, 2.0758
YIQ	90.9960, 21.8770, -38.5630

Conversions

Conversions Part 2

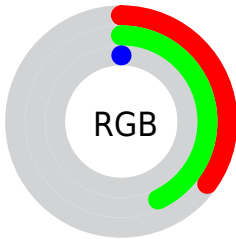
Format	Color
R_{YB}	1, 110, 23
Decimal	5795329
CIE Lab	43.11, -21.87, 48.48
CIE LCh	43, 53.182, 114.278
Yxy	13.2288, 0.3856, 0.5311
Android (android.graphics.Color)	4283985409 (0xFF586E01)
YUV	90.9960, -44.3680, -2.6275
Hunter-Lab	36.3714, -16.5069, 22.0761

Details

The Hex color **586E01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **17016E**, 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 **5A6E0C**.

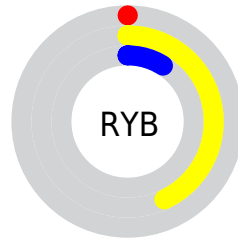
Distribution



Red (35%)

Green (43%)

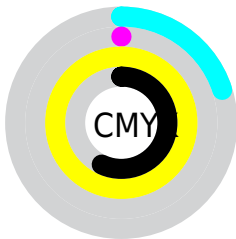
Blue (0%)



Red (0%)

Yellow (43%)

Blue (9%)

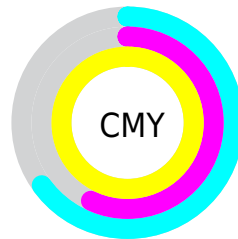


Cyan (20%)

Magenta (0%)

Yellow (99%)

Black (57%)



Cyan (65%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586E01 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 586E01 by changing the saturation by 10% instead.



586E01



586E01



FFFFFFC



3E5600



8DA23D



253E00



A9BD57



0A2800



C5D871



001300



E2F58B



000000



FFFA7



FFFC3



FFFDf



586E01



586E01

■ 586E00

■ 5A6E0C

■ 5C6E17

■ 5F6E22

■ 616E2D

■ 636E38

■ 656E43

■ 686E4E

■ 6A6E59

■ 6C6E64

Harmonies

Analogous

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



826100



586E01



12762F

Triad

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



586E01



0077AD



AF3970

Complementary

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



586E01



17016E

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



586E01



006EBE

Square

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



586E01



007A89



535EB7



B33C44

Rectangle

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



586E01



00794C



535EB7



A93D7F

Sweetspot

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



586E01



868F64



6E1701



42472E



C7C7C7



474747

Same Dimension

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



586E01



728F00



226E01



373832



607800



C5F700

Inverse Universe

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



17016E



1D008F



4D016E



343238



180078



3200F7

Previews

White Background



This preview shows how the Hex color 586E01 looks on a white background.

Color Contrast Check

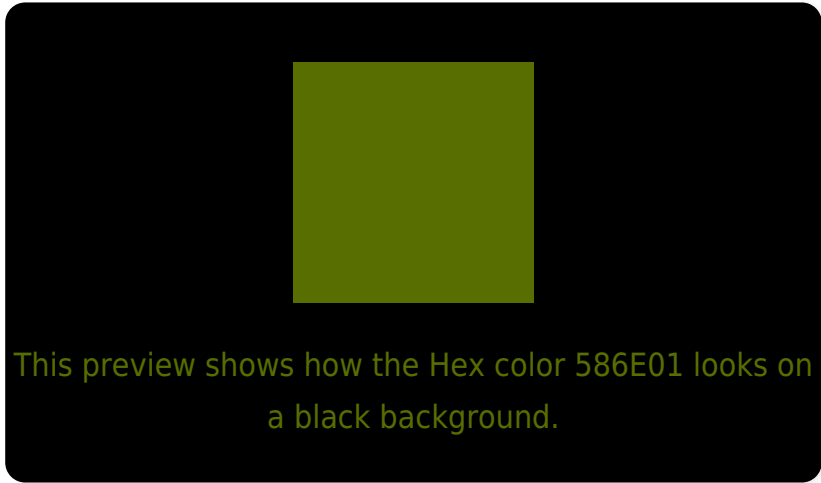
Large Text (above 18pt) WCAG AA ✓ Pass

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

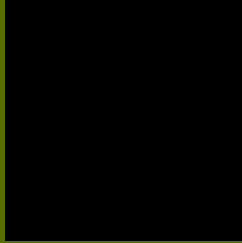
Any Text WCAG AA × Fail

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 586E01 Background



This preview shows how black text looks on a background with the Hex color 586E01.



This preview shows how white text looks on a background with the Hex color 586E01.

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
586E01

Protanopia
736600

Deuteranopia
806014



Tritanopia
61666E

Trichromacy



Original Color
586E01

Protanomaly
696900

Deuteranomaly
71650D

Tritanomaly
5E6946

Monochromacy



Original Color
586E01

Achromatopsia
5B5B5B

Achromatomaly
5A623A

CSS Examples

Text

The CSS property to change the color of the text to Hex 586E01 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 #586E01 looks like.

```
.text, #text, p{  
    color:#586E01  
}
```

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 #586E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586E01
}
```

Border

The CSS property to change the border of an element to Hex 586E01 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
#586E01 }
```

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

```
.border{ border-color:#586E01 }
```

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

Here you see how a box with a 4 pixel #586E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586E01; -webkit-box-shadow:4px 4px  
4px 4px #586E01; box-shadow:4px 4px 4px  
4px #586E01 }
```

Background

The CSS property to change the background color of an element to Hex 586E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586E01 }
```

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

```
.background{ background-color:#586E01 }
```

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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