

Converting Colors

Hex(586600)

Have a look what the booklet for
Hex(586600) contains.

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Color

Hex(586600)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 586600 |
| RGB | 88, 102, 0 |
| RGB Percent | 35%, 40%, 0% |
| CMY | 0.6549, 0.6000, 1.0000 |
| CMYK | 0.14, 0.00, 1.00, 0.60 |
| HSL | 68°, 100%, 20% |
| HSV | 68°, 100%, 40% |
| XYZ | 8.7759, 11.5774, 1.7721 |
| YIQ | 86.1860, 24.3980, -34.6900 |

Conversions

Conversions Part 2

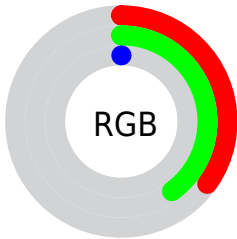
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 102, 14 |
| Decimal | 5793280 |
| CIELab | 40.54, -17.70, 46.79 |
| CIElCh | 41, 50.029, 110.723 |
| Yxy | 11.5774, 0.3966, 0.5233 |
| Android (android.graphics.Color) | 4283983360 (0xFF586600) |
| YUV | 86.1860, -42.4897, 1.5909 |
| Hunter-Lab | 34.0257, -13.5063, 20.7300 |

Details

The Hex color **586600** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E0066**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8D993B**, and **263700** is the 20% darker color. If you saturate the color by 10%, you get **586600**, and if you desaturate by 10%, it is **59660A**.

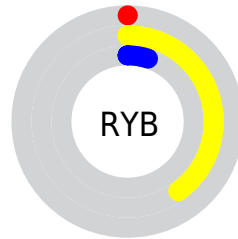
Distribution



Red (35%)

Green (40%)

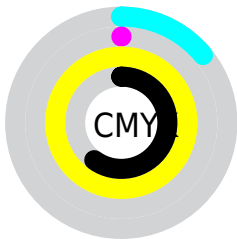
Blue (0%)



Red (0%)

Yellow (40%)

Blue (5%)

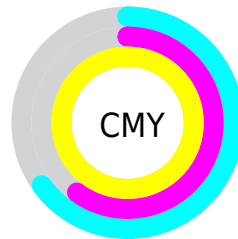


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (65%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 586600 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 586600 by changing the saturation by 10% instead.

 586600

 586600

 FFFFF8

 3F4E00

 8D993B

 263700

 A8B454

 0C2200

 C5CF6E

 000400

 E1EB88

 000000

 FFFFA3

 FFFFBF

 FFFFDB

 586600

 59660A

 5B6614

 5C661F

 5E6629

 5F6633

 60663D

 626647

 636652

 65665C

Harmonies

Analogous

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



7E5900



586600



216E28

Triad

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



586600



00709E



A2376E

Complementary

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



586600



0E0066

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.



844794



586600



0068B1

Square

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



586600



00727B



445AAD



A83845

Rectangle

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



586600



007143



445AAD



9B3B7C

Sweetspot

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



586600



7F855D



660E00



3F422A



C2C2C2



424242

Same Dimension

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



586600



728500



256600



32332E



637300



D1F200

Inverse Universe

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



0E0066



120085



410066



2F2E33



100073



2100F2

Previews

White Background



This preview shows how the Hex color 586600 looks on a white background.

Color Contrast Check

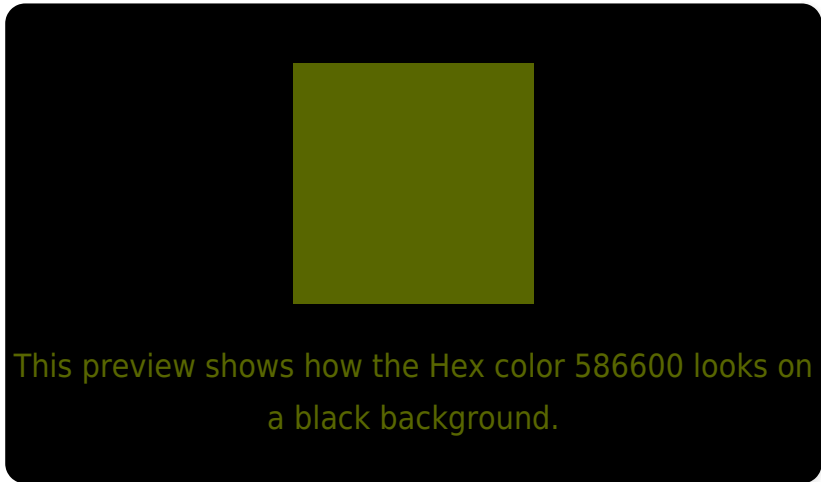
Large Text (above 18pt) WCAG AA ✓ Pass

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 586600 Background



This preview shows how black text looks on a background with the Hex color 586600.



This preview shows how white text looks on a background with the Hex color 586600.

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
586600

Protanopia
6C6000

Deuteranopia
795B12



Tritanopia
605F66

Trichromacy



Original Color
586600

Protanomaly
656200

Deuteranomaly
6D5F0B

Tritanomaly
5D6241

Monochromacy



Original Color
586600

Achromatopsia
565656

Achromatomaly
575C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 586600 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 #586600 looks like.

```
.text, #text, p{  
    color:#586600  
}
```

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 #586600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #586600
}
```

Border

The CSS property to change the border of an element to Hex 586600 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
#586600 }
```

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

```
.border{ border-color:#586600 }
```

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

Here you see how a box with a 4 pixel #586600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #586600; -webkit-box-shadow:4px 4px  
4px 4px #586600; box-shadow:4px 4px 4px  
4px #586600 }
```

Background

The CSS property to change the background color of an element to Hex 586600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#586600 }
```

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

```
.background{ background-color:#586600 }
```

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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