

Converting Colors

Hex(00580C)

Have a look what the booklet for
Hex(00580C) contains.

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Color

Hex(00580C)

Conversions

Conversions Part 1

Format	Color
Hex	00580C
RGB	0, 88, 12
RGB Percent	0%, 35%, 5%
CMY	1.0000, 0.6549, 0.9529
CMYK	1.00, 0.00, 0.86, 0.65
HSL	128°, 100%, 17%
HSV	128°, 100%, 35%
XYZ	3.5561, 7.0060, 1.5127
YIQ	53.0240, -28.0520, -42.2920

Conversions

Conversions Part 2

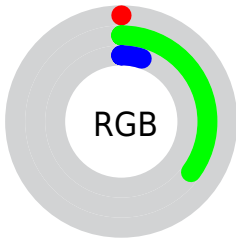
Format	Color
RYB	0, 77, 88
Decimal	22540
CIELab	31.82, -38.89, 34.37
CIELCh	32, 51.903, 138.533
Yxy	7.0060, 0.2945, 0.5802
Android (android.graphics.Color)	4278212620 (0xFF00580C)
YUV	53.0240, -20.2248, -46.5020
Hunter-Lab	26.4688, -22.3390, 15.1398

Details

The Hex color **00580C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **58004C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **438B3D**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **00580C**, and if you desaturate by 10%, it is **095814**.

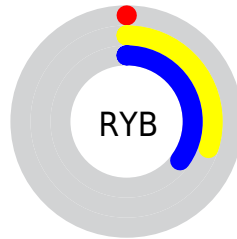
Distribution



Red (0%)

Green (35%)

Blue (5%)



Red (0%)

Yellow (30%)

Blue (35%)

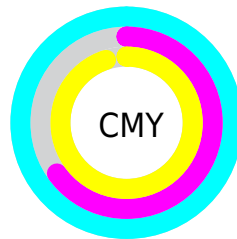


Cyan (100%)

Magenta (0%)

Yellow (86%)

Black (65%)



Cyan (100%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00580C 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 00580C by changing the saturation by 10% instead.

 00580C

 00580C

 FFFFF8

 004000

 438B3D

 002A00

 5EA656

 000C00

 79C16F

 000000

 94DD89

 B0FAA4

 CCFFBF

 E9FFDB

 00580C

 095814

 12581B

 1A5823

 23582A

 2C5832

 35583A

 3E5841

 465849

 4F5850

Harmonies

Analogous

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



445100



00580C



005C39

Triad

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



00580C



00549B



911A34

Complementary

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



00580C



58004C

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.



8B1B5C



00580C



184799

Square

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



00580C



005B88



6B3281



84300B

Rectangle

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



00580C



005C56



6B3281



911641

Sweetspot

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



00580C



507355



4C5800



263B28



BABABA



3B3B3B

Same Dimension

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



00580C



007310



005838



272B28



006B0F



00EB20

Inverse Universe

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



58004C



730063



580020



2B272B



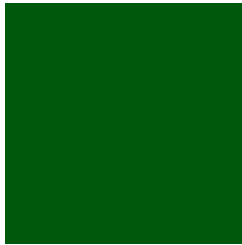
6B005C



EB00CB

Previews

White Background



This preview shows how the Hex color 00580C looks on a white background.

Color Contrast Check

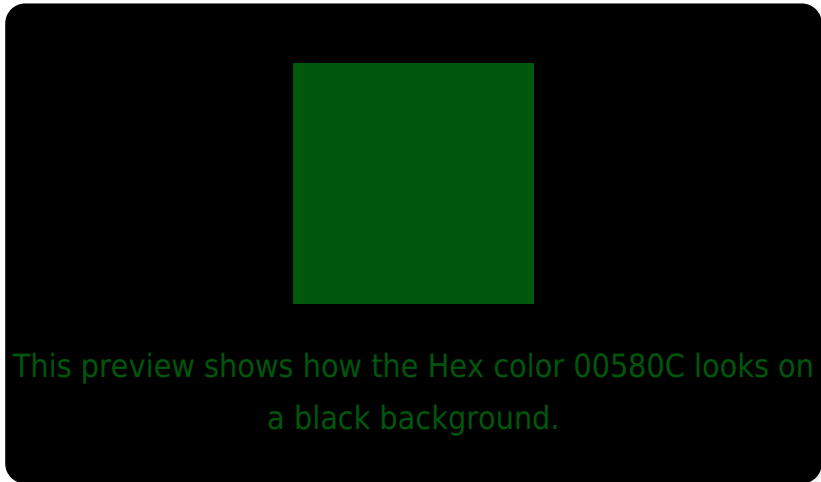
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

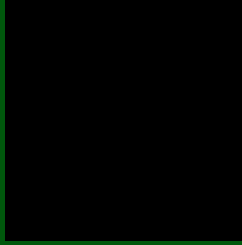
Any Text WCAG AA × Fail

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 00580C Background



This preview shows how black text looks on a background with the Hex color 00580C.



This preview shows how white text looks on a background with the Hex color 00580C.

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](#).

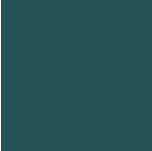
Dichromacy



Original Color
00580C

Protanopia
554B08

Deuteranopia
5E4716



Tritanopia
255258

Trichromacy



Original Color
00580C

Protanomaly
365009

Deuteranomaly
3C4D12

Tritanomaly
18543C

Monochromacy



Original Color
00580C

Achromatopsia
353535

Achromatomaly
224226

CSS Examples

Text

The CSS property to change the color of the text to Hex 00580C 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 #00580C looks like.

```
.text, #text, p{  
    color:#00580C  
}
```

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 #00580C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00580C
}
```

Border

The CSS property to change the border of an element to Hex 00580C is called "border". The border property can be set on classes, ids or directly on the HTML element.

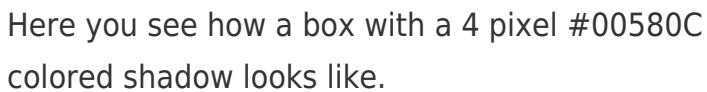
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00580C }
```

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

```
.border{ border-color:#00580C }
```

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



Here you see how a box with a 4 pixel #00580C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00580C; -webkit-box-shadow:4px 4px  
4px 4px #00580C; box-shadow:4px 4px 4px  
4px #00580C }
```

Background

The CSS property to change the background color of an element to Hex 00580C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00580C }
```

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

```
.background{ background-color:#00580C }
```

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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