

Converting Colors

Hex(005C06)

Have a look what the booklet for
Hex(005C06) contains.

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Color

Hex(005C06)

Conversions

Conversions Part 1

Format	Color
Hex	005C06
RGB	0, 92, 6
RGB Percent	0%, 36%, 2%
CMY	1.0000, 0.6392, 0.9765
CMYK	1.00, 0.00, 0.93, 0.64
HSL	124°, 100%, 18%
HSV	124°, 100%, 36%
XYZ	3.8600, 7.6674, 1.4488
YIQ	54.6880, -27.2260, -46.2500

Conversions

Conversions Part 2

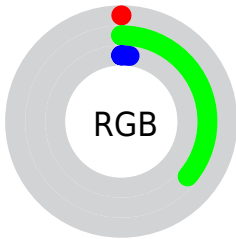
Format	Color
RYB	0, 86, 92
Decimal	23558
CIELab	33.28, -40.55, 37.57
CIELCh	33, 55.282, 137.183
Yxy	7.6674, 0.2975, 0.5909
Android (android.graphics.Color)	4278213638 (0xFF005C06)
YUV	54.6880, -24.0032, -47.9614
Hunter-Lab	27.6901, -23.5748, 16.2809

Details

The Hex color **005C06** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5C0056**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **458F3A**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **005C06**, and if you desaturate by 10%, it is **095C0F**.

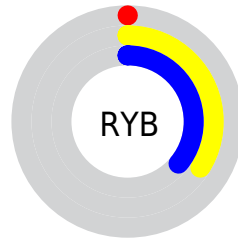
Distribution



Red (0%)

Green (36%)

Blue (2%)



Red (0%)

Yellow (34%)

Blue (36%)

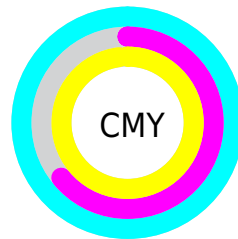


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (64%)



Cyan (100%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005C06 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 005C06 by changing the saturation by 10% instead.

 005C06

 005C06

 FFFFF5

 004400

 458F3A

 002D00

 60AA53

 001400

 7BC66C

 000000

 96E286

 B2FFA1

 CFFFBD

 ECFFD9

 005C06

 095C0F

 125C17

 1C5C20

 255C28

 2E5C31

 375C3A

 405C42

 4A5C4B

 535C53

Harmonies

Analogous

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



495400



005C06



006039

Triad

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



005C06



0059A4



991637

Complementary

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



005C06



5C0056

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.



911963



005C06



004BA3

Square

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



005C06



005F8E



6E348A



8C300C

Rectangle

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



005C06



006158



6E348A



991246

Sweetspot

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



005C06



547856



575C00



273D29



BDBDBD



3D3D3D

Same Dimension

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



005C06



007808



005C33



292E2A



006E07



00ED0F

Inverse Universe

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



5C0056



780070



5C0029



2E292E



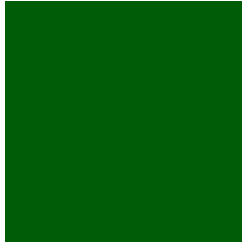
6E0066



ED00DE

Previews

White Background



This preview shows how the Hex color 005C06 looks on a white background.

Color Contrast Check

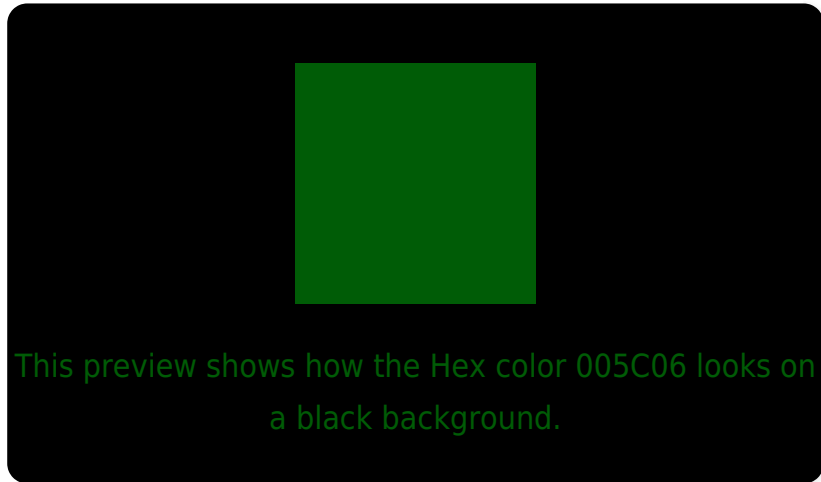
Large Text (above 18pt) WCAG AA ✓ Pass

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

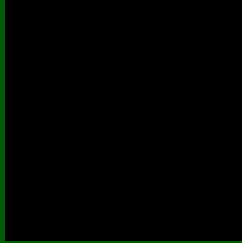
Any Text WCAG AA × Fail

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 005C06 Background



This preview shows how black text looks on a background with the Hex color 005C06.



This preview shows how white text looks on a background with the Hex color 005C06.

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
005C06

Deuteranopia
634B15

Tritanopia
27565C

Trichromacy

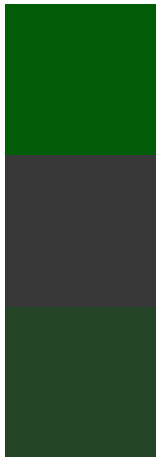


Original Color
005C06

Deuteranomaly
3F5110

Tritanomaly
19583D

Monochromacy



Original Color
005C06

Achromatopsia
373737

Achromatomaly
234425

CSS Examples

Text

The CSS property to change the color of the text to Hex 005C06 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 #005C06 looks like.

```
.text, #text, p{  
    color:#005C06  
}
```

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 #005C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005C06
}
```

Border

The CSS property to change the border of an element to Hex 005C06 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
#005C06 }
```

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

```
.border{ border-color:#005C06 }
```

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

Here you see how a box with a 4 pixel #005C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005C06; -webkit-box-shadow:4px 4px  
4px 4px #005C06; box-shadow:4px 4px 4px  
4px #005C06 }
```

Background

The CSS property to change the background color of an element to Hex 005C06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005C06 }
```

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

```
.background{ background-color:#005C06 }
```

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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