

Converting Colors

Hex(005B0C)

Have a look what the booklet for
Hex(005B0C) contains.

Hex(005B0C)	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(005B0C)

Conversions

Conversions Part 1

Format	Color
Hex	005B0C
RGB	0, 91, 12
RGB Percent	0%, 36%, 5%
CMY	1.0000, 0.6431, 0.9529
CMYK	1.00, 0.00, 0.87, 0.64
HSL	128°, 100%, 18%
HSV	128°, 100%, 36%
XYZ	3.8074, 7.5087, 1.5965
YIQ	54.7850, -28.8770, -43.8610

Conversions

Conversions Part 2

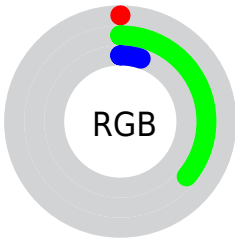
Format	Color
RYB	0, 80, 91
Decimal	23308
CIELab	32.94, -39.86, 35.42
CIELCh	33, 53.326, 138.371
Yxy	7.5087, 0.2949, 0.5815
Android (android.graphics.Color)	4278213388 (0xFF005B0C)
YUV	54.7850, -21.0930, -48.0464
Hunter-Lab	27.4020, -23.1514, 15.7271

Details

The Hex color **005B0C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B004F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **448E3E**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B0C**, and if you desaturate by 10%, it is **095B14**.

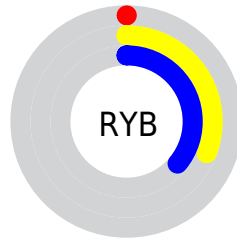
Distribution



Red (0%)

Green (36%)

Blue (5%)



Red (0%)

Yellow (31%)

Blue (36%)

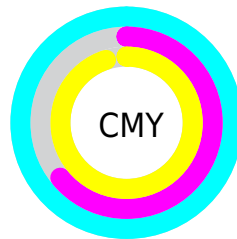


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (64%)



Cyan (100%)

Magenta (64%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B0C 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 005B0C by changing the saturation by 10% instead.

 005B0C

 005B0C

 FFFFFFF9

 004300

 448E3E

 002C00

 5FA956

 001200

 7AC570

 000000

 95E18A

 B1FEA5

 CEFFC0

 EBFFDC

 005B0C

 095B14

 125B1C

 1B5B24

 245B2C

 2E5B34

 375B3B

 405B43

 495B4B

 525B53

Harmonies

Analogous

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



475300



005B0C



005F3B

Triad

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



005B0C



0057A1



961B36

Complementary

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



005B0C



5B004F

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.



8F1C60



005B0C



174A9E

Square

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



005B0C



005E8C



6E3486



88310C

Rectangle

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



005B0C



006059



6E3486



961744

Sweetspot

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



005B0C



527557



505B00



263B28



BABABA



3B3B3B

Same Dimension

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



005B0C



00750F



005B38



292E2A



006E0E



00ED1F

Inverse Universe

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



5B004F



750066



5B0023



2E292D



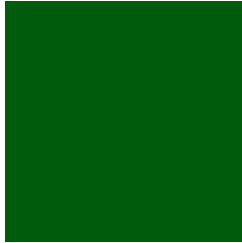
6E005F



ED00CE

Previews

White Background



This preview shows how the Hex color 005B0C looks on a white background.

Color Contrast Check

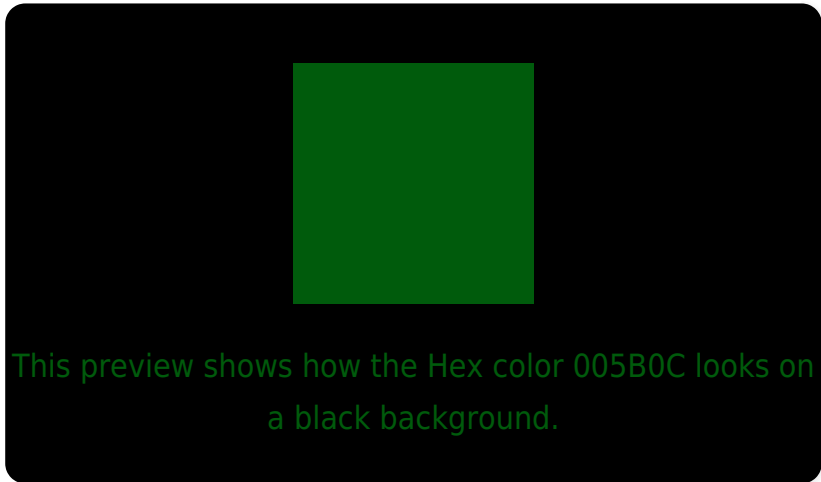
Large Text (above 18pt) WCAG AA ✓ Pass

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 005B0C Background



This preview shows how black text looks on a background with the Hex color 005B0C.



This preview shows how white text looks on a background with the Hex color 005B0C.

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](#).

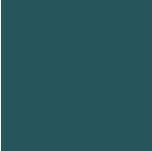
Dichromacy



Original Color
005B0C

Protanopia
584E08

Deuteranopia
624A17



Tritanopia
26555C

Trichromacy



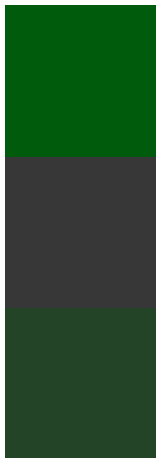
Original Color
005B0C

Protanomaly
385309

Deuteranomaly
3E5013

Tritanomaly
18573F

Monochromacy



Original Color
005B0C

Achromatopsia
373737

Achromatomaly
234427

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B0C 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 #005B0C looks like.

```
.text, #text, p{  
    color:#005B0C  
}
```

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 #005B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B0C
}
```

Border

The CSS property to change the border of an element to Hex 005B0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

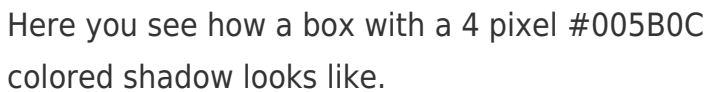
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005B0C }
```

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

```
.border{ border-color:#005B0C }
```

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



Here you see how a box with a 4 pixel #005B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B0C; -webkit-box-shadow:4px 4px  
4px 4px #005B0C; box-shadow:4px 4px 4px  
4px #005B0C }
```

Background

The CSS property to change the background color of an element to Hex 005B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B0C }
```

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

```
.background{ background-color:#005B0C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor