

Converting Colors

Hex(005B07)

Have a look what the booklet for
Hex(005B07) contains.

Hex(005B07)	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(005B07)

Conversions

Conversions Part 1

Format	Color
Hex	005B07
RGB	0, 91, 7
RGB Percent	0%, 36%, 3%
CMY	1.0000, 0.6431, 0.9725
CMYK	1.00, 0.00, 0.92, 0.64
HSL	125°, 100%, 18%
HSV	125°, 100%, 36%
XYZ	3.7794, 7.4975, 1.4490
YIQ	54.2150, -27.2720, -45.4160

Conversions

Conversions Part 2

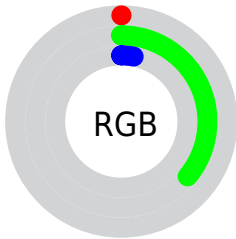
Format	Color
RYB	0, 85, 91
Decimal	23303
CIELab	32.91, -40.17, 36.94
CIELCh	33, 54.575, 137.402
Yxy	7.4975, 0.2970, 0.5892
Android (android.graphics.Color)	4278213383 (0xFF005B07)
YUV	54.2150, -23.2770, -47.5466
Hunter-Lab	27.3816, -23.2797, 16.0296

Details

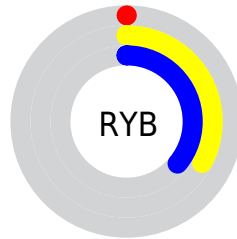
The Hex color **005B07** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5B0054**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **448E3B**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **005B07**, and if you desaturate by 10%, it is **095B0F**.

Distribution



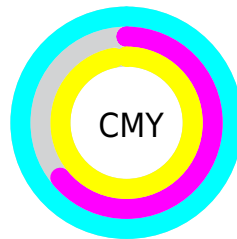
- Red (0%)
- Green (36%)
- Blue (3%)



- Red (0%)
- Yellow (33%)
- Blue (36%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (64%)



- Cyan (100%)
- Magenta (64%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005B07 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 005B07 by changing the saturation by 10% instead.

 005B07

 005B07

 FFFFF6

 004300

 448E3B

 002C00

 5FA953

 001200

 7AC56D

 000000

 96E187

 B2FEA1

 CEFFBD

 EBFFD9

 005B07

 095B0F

 125B18

 1B5B20

 245B29

 2E5B31

 375B39

 405B42

 495B4A

 525B53

Harmonies

Analogous

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



485300



005B07



005F39

Triad

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



005B07



0058A2



971737

Complementary

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



005B07



5B0054

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.



901961



005B07



044AA1

Square

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



005B07



005E8D



6D3488



8A300C

Rectangle

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



005B07



006057



6D3488



981245

Sweetspot

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



005B07



527555



555B00



263B27



BABABA



3B3B3B

Same Dimension

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



005B07



007509



005B34



292E2A



006E08



00ED12

Inverse Universe

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



5B0054



75006C



5B0027



2E292E



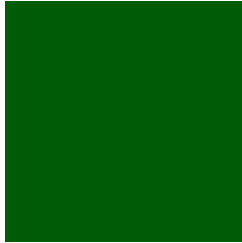
6E0065



ED00DB

Previews

White Background



This preview shows how the Hex color 005B07 looks on a white background.

Color Contrast Check

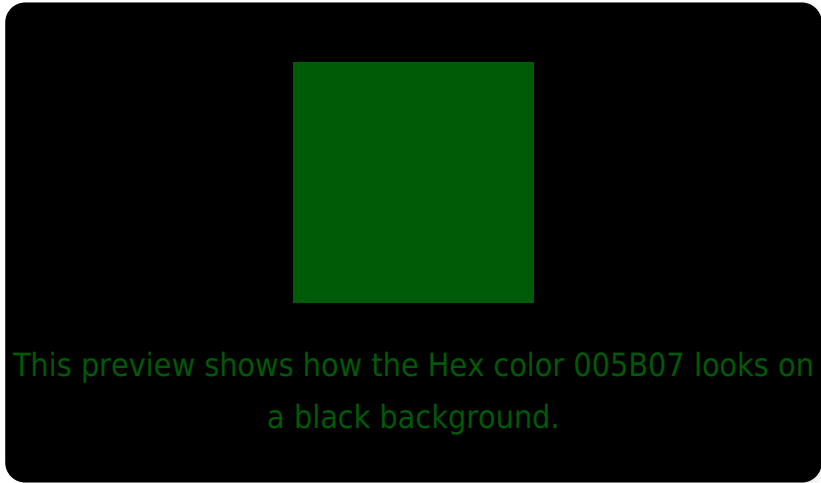
Large Text (above 18pt) WCAG AA ✓ Pass

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

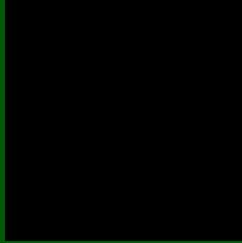
Any Text WCAG AA × Fail

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 005B07 Background



This preview shows how black text looks on a background with the Hex color 005B07.



This preview shows how white text looks on a background with the Hex color 005B07.

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
005B07

Protanopia
584E00

Deuteranopia
624A15



Tritanopia
26555B

Trichromacy



Original Color
005B07



Protanomaly
385303



Deuteranomaly
3E5010

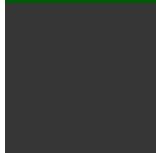


Tritanomaly
18573C

Monochromacy



Original Color
005B07



Achromatopsia
363636



Achromatomaly
224325

CSS Examples

Text

The CSS property to change the color of the text to Hex 005B07 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 #005B07 looks like.

```
.text, #text, p{  
    color:#005B07  
}
```

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 #005B07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005B07
}
```

Border

The CSS property to change the border of an element to Hex 005B07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

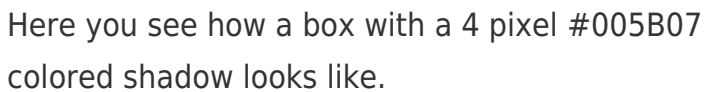
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#005B07 }
```

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

```
.border{ border-color:#005B07 }
```

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



Here you see how a box with a 4 pixel #005B07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005B07; -webkit-box-shadow:4px 4px  
4px 4px #005B07; box-shadow:4px 4px 4px  
4px #005B07 }
```

Background

The CSS property to change the background color of an element to Hex 005B07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005B07 }
```

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

```
.background{ background-color:#005B07 }
```

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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