

Converting Colors

Hex(008005)

Have a look what the booklet for
Hex(008005) contains.

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Color

Hex(008005)

Conversions

Conversions Part 1

Format	Color
Hex	008005
RGB	0, 128, 5
RGB Percent	0%, 50%, 2%
CMY	1.0000, 0.4980, 0.9804
CMYK	1.00, 0.00, 0.96, 0.50
HSL	122°, 100%, 25%
HSV	122°, 100%, 50%
XYZ	7.7466, 15.4493, 2.7173
YIQ	75.7060, -36.8050, -65.3890

Conversions

Conversions Part 2

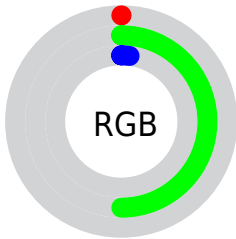
Format	Color
RYB	0, 123, 128
Decimal	32773
CIELab	46.24, -51.51, 48.87
CIELCh	46, 71.002, 136.505
Yxy	15.4493, 0.2989, 0.5962
Android (android.graphics.Color)	4278222853 (0xFF008005)
YUV	75.7060, -34.8581, -66.3942
Hunter-Lab	39.3056, -33.6050, 23.4150

Details

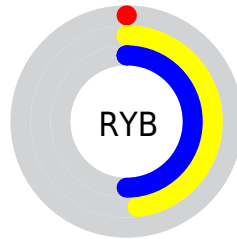
The Hex color **008005** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **80007B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **51B642**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **008005**, and if you desaturate by 10%, it is **0D8011**.

Distribution



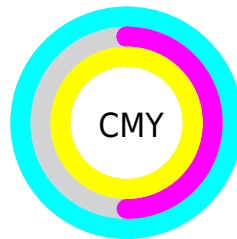
- Red (0%)
- Green (50%)
- Blue (2%)



- Red (0%)
- Yellow (48%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008005 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 008005 by changing the saturation by 10% instead.

 008005

 008005

FFFFFF

 006600

 51B642

 004D00

 6FD25C

 003500

 8BEF77

 001E00

 A8FF91

 000000

 C5FFAD

 E3FFC9

 FFFFE6

 008005

 0D8011

 1A801E

 26802A

 338036

 408043

 4D804F

 5A805B

 668067

 738074

Harmonies

Analogous

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



677500



008005



008550

Triad

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



008005



007CE3



D41E50

Complementary

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



008005



80007B

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.



C8248B



008005



006AE1

Square

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



008005



0085C4



974BC1



C24314

Rectangle

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



008005



008779



974BC1



D31763

Sweetspot

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



008005



74A676



7C8000



365437



D4D4D4



545454

Same Dimension

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



008005



00A606



008044



39403A



000000

Inverse Universe

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



80007B



A6009F



80003C



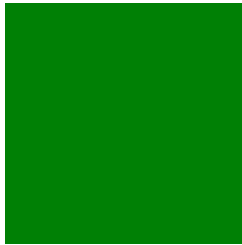
403940



000000

Previews

White Background



This preview shows how the Hex color 008005 looks on a white background.

Color Contrast Check

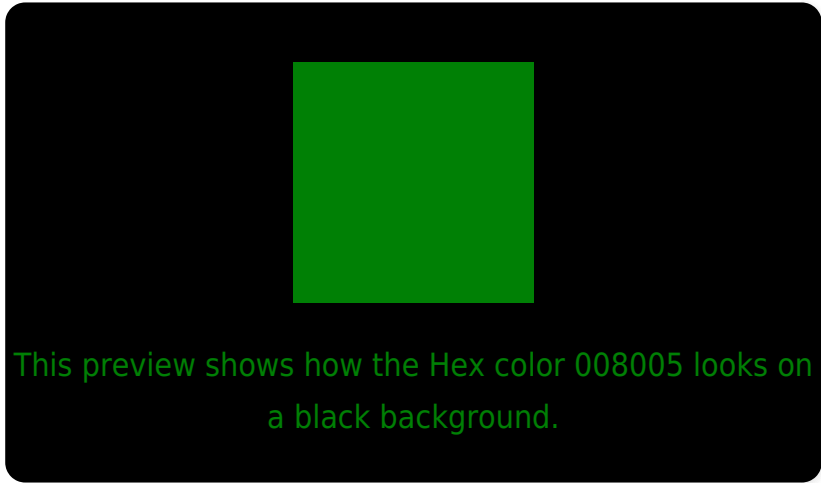
Large Text (above 18pt) WCAG AA ✓ Pass

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

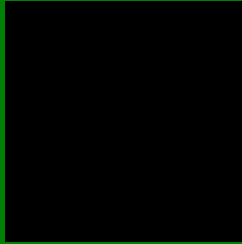
Any Text WCAG AA × Fail

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 008005 Background



This preview shows how black text looks on a background with the Hex color 008005.



This preview shows how white text looks on a background with the Hex color 008005.

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
008005

Protanopia
7B6E00

Deuteranopia
89681C



Tritanopia
367781

Trichromacy



Original Color
008005



Protanomaly
4E7502



Deuteranomaly
577114



Tritanomaly
227A54

Monochromacy



Original Color
008005



Achromatopsia
4C4C4C



Achromatomaly
305F32

CSS Examples

Text

The CSS property to change the color of the text to Hex 008005 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 #008005 looks like.

```
.text, #text, p{  
    color:#008005  
}
```

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 #008005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008005
}
```

Border

The CSS property to change the border of an element to Hex 008005 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".

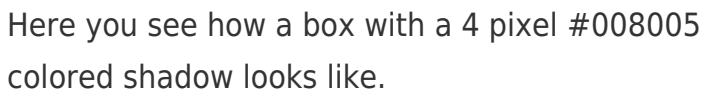
```
.border, #border, table{ border:4px solid
#008005 }
```

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

```
.border{ border-color:#008005 }
```

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

Here you see how a box with a 4 pixel #008005 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008005; -webkit-box-shadow:4px 4px  
4px 4px #008005; box-shadow:4px 4px 4px  
4px #008005 }
```

Background

The CSS property to change the background color of an element to Hex 008005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008005 }
```

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

```
.background{ background-color:#008005 }
```

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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