

Converting Colors

Hex(008B05)

Have a look what the booklet for
Hex(008B05) contains.

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Color

Hex(008B05)

Conversions

Conversions Part 1

Format	Color
Hex	008B05
RGB	0, 139, 5
RGB Percent	0%, 55%, 2%
CMY	1.0000, 0.4549, 0.9804
CMYK	1.00, 0.00, 0.96, 0.45
HSL	122°, 100%, 27%
HSV	122°, 100%, 55%
XYZ	9.2600, 18.4762, 3.2218
YIQ	82.1630, -39.8300, -71.1420

Conversions

Conversions Part 2

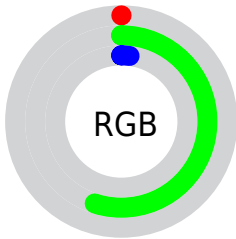
Format	Color
RYB	0, 134, 139
Decimal	35589
CIELab	50.07, -54.71, 52.05
CIElCh	50, 75.514, 136.425
Yxy	18.4762, 0.2991, 0.5968
Android (android.graphics.Color)	4278225669 (0xFF008B05)
YUV	82.1630, -38.0414, -72.0570
Hunter-Lab	42.9839, -36.7677, 25.6448

Details

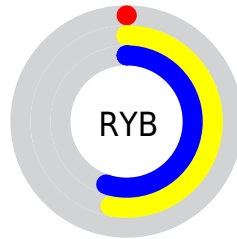
The Hex color **008B05** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8B0086**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **55C245**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **008B05**, and if you desaturate by 10%, it is **0E8B12**.

Distribution



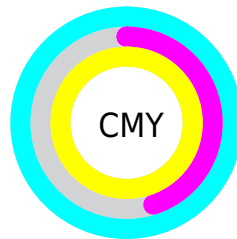
- Red (0%)
- Green (55%)
- Blue (2%)



- Red (0%)
- Yellow (53%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008B05 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 008B05 by changing the saturation by 10% instead.

 008B05

 008B05

FFFFFF

 007100

 55C245

 005700

 73DE5F

 003E00

 90FB7A

 002800

 ADFF95

 000000

 CBFFB1

 E9FFCD

 FFFFEA

 008B05

 0E8B12

 1C8B20

 2A8B2D

 388B3B

 468B48

 538B55

 618B63

 6F8B70

 7D8B7E

Harmonies

Analogous

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



707F00



008B05



009157

Triad

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



008B05



0087F5



E52157

Complementary

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



008B05



8B0086

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.



D92897



008B05



0073F4

Square

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



008B05



0090D4



A452D1



D24917

Rectangle

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



008B05



009284



A452D1



E5196C

Sweetspot

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



008B05



7FB581



868B00



3B5C3C



DBDBDB



5C5C5C

Same Dimension

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



008B05



00B507



008B4A



3E453E



008505



000500

Inverse Universe

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



8B0086



B500AF



8B0041



453E45



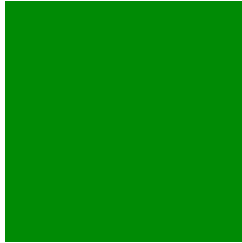
850080



050005

Previews

White Background



This preview shows how the Hex color 008B05 looks on a white background.

Color Contrast Check

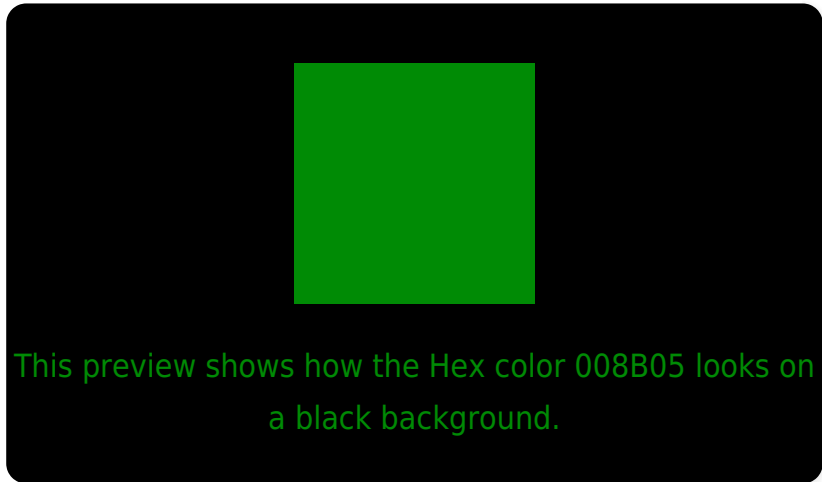
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008B05 Background



This preview shows how black text looks on a background with the Hex color 008B05.



This preview shows how white text looks on a background with the Hex color 008B05.

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
008B05

Protanopia
867700

Deuteranopia
95711E



Tritanopia
3A818C

Trichromacy



Original Color
008B05



Protanomaly
557E02



Deuteranomaly
5F7A15



Tritanomaly
25855B

Monochromacy



Original Color
008B05



Achromatopsia
525252



Achromatomaly
346736

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B05 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 #008B05 looks like.

```
.text, #text, p{  
    color:#008B05  
}
```

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 #008B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B05
}
```

Border

The CSS property to change the border of an element to Hex 008B05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

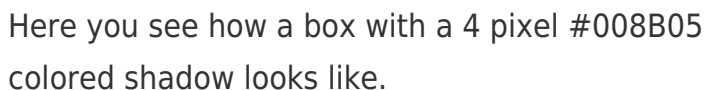
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008B05 }
```

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

```
.border{ border-color:#008B05 }
```

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



Here you see how a box with a 4 pixel #008B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B05; -webkit-box-shadow:4px 4px  
4px 4px #008B05; box-shadow:4px 4px 4px  
4px #008B05 }
```

Background

The CSS property to change the background color of an element to Hex 008B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B05 }
```

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

```
.background{ background-color:#008B05 }
```

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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