

Converting Colors

Hex(008E05)

Have a look what the booklet for
Hex(008E05) contains.

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Color

Hex(008E05)

Conversions

Conversions Part 1

Format	Color
Hex	008E05
RGB	0, 142, 5
RGB Percent	0%, 56%, 2%
CMY	1.0000, 0.4431, 0.9804
CMYK	1.00, 0.00, 0.96, 0.44
HSL	122°, 100%, 28%
HSV	122°, 100%, 56%
XYZ	9.7004, 19.3570, 3.3686
YIQ	83.9240, -40.6550, -72.7110

Conversions

Conversions Part 2

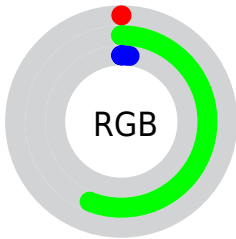
Format	Color
RYB	0, 137, 142
Decimal	36357
CIELab	51.10, -55.57, 52.91
CIELCh	51, 76.730, 136.407
Yxy	19.3570, 0.2992, 0.5970
Android (android.graphics.Color)	4278226437 (0xFF008E05)
YUV	83.9240, -38.9095, -73.6013
Hunter-Lab	43.9965, -37.6381, 26.2581

Details

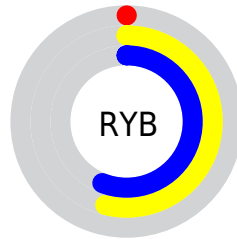
The Hex color **008E05** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8E0089**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **56C545**, and **005A00** is the 20% darker color. If you saturate the color by 10%, you get **008E05**, and if you desaturate by 10%, it is **0E8E13**.

Distribution



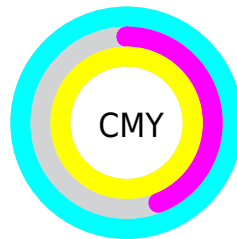
- Red (0%)
- Green (56%)
- Blue (2%)



- Red (0%)
- Yellow (54%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E05 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 008E05 by changing the saturation by 10% instead.

 008E05

 008E05

FFFFFF

 007400

 56C545

 005A00

 74E160

 004100

 91FF7B

 002B00

 AFFF96

 000800

 CCFFB2

 000000

 EAFFCE

 FFFFEB

 008E05

 0E8E13

 1C8E20

 2B8E2E

 398E3C

 478E4A

 558E57

 638E65

 728E73

 808E80

Harmonies

Analogous

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



728200



008E05



009458

Triad

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



008E05



008AFA



EA2259

Complementary

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



008E05



8E0089

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.



DD299A



008E05



0076F9

Square

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



008E05



0094D8



A754D5



D64A17

Rectangle

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



008E05



009587



A754D5



EA1A6F

Sweetspot

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



008E05



81B882



898E00



3B5C3C



DBDBDB



5C5C5C

Same Dimension

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



008E05



00B806



008E4C



404741



008705



000800

Inverse Universe

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



8E0089



B800B1



8E0042



474047



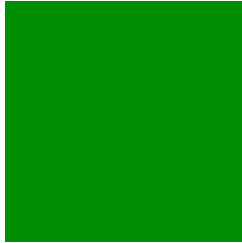
870082



080007

Previews

White Background



This preview shows how the Hex color 008E05 looks on a white background.

Color Contrast Check

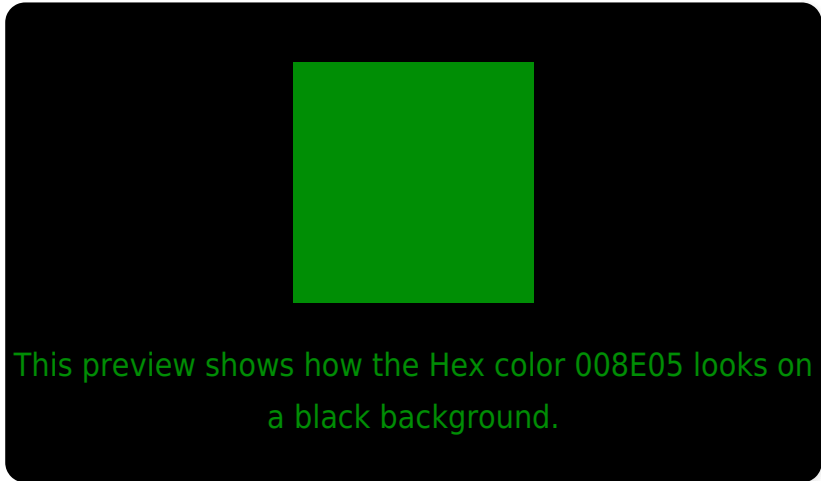
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E05 Background



This preview shows how black text looks on a background with the Hex color 008E05.



This preview shows how white text looks on a background with the Hex color 008E05.

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
008E05

Protanopia
897A00

Deuteranopia
98731F



Tritanopia
3C848F

Trichromacy



Original Color
008E05



Protanomaly
578102



Deuteranomaly
617D16



Tritanomaly
26885D

Monochromacy



Original Color
008E05



Achromatopsia
545454



Achromatomaly
356937

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E05 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 #008E05 looks like.

```
.text, #text, p{  
    color:#008E05  
}
```

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 #008E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E05
}
```

Border

The CSS property to change the border of an element to Hex 008E05 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".

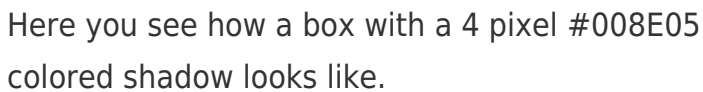
```
.border, #border, table{ border:4px solid
#008E05 }
```

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

```
.border{ border-color:#008E05 }
```

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

Here you see how a box with a 4 pixel #008E05 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E05; -webkit-box-shadow:4px 4px  
4px 4px #008E05; box-shadow:4px 4px 4px  
4px #008E05 }
```

Background

The CSS property to change the background color of an element to Hex 008E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E05 }
```

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

```
.background{ background-color:#008E05 }
```

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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