

Converting Colors

Hex(008B0B)

Have a look what the booklet for
Hex(008B0B) contains.

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Color

Hex(008B0B)

Conversions

Conversions Part 1

Format	Color
Hex	008B0B
RGB	0, 139, 11
RGB Percent	0%, 55%, 4%
CMY	1.0000, 0.4549, 0.9569
CMYK	1.00, 0.00, 0.92, 0.45
HSL	125°, 100%, 27%
HSV	125°, 100%, 55%
XYZ	9.2930, 18.4894, 3.3956
YIQ	82.8470, -41.7560, -69.2760

Conversions

Conversions Part 2

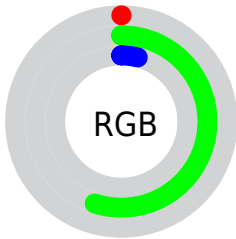
Format	Color
RYB	0, 129, 139
Decimal	35595
CIELab	50.08, -54.50, 50.99
CIElCh	50, 74.633, 136.910
Yxy	18.4894, 0.2981, 0.5930
Android (android.graphics.Color)	4278225675 (0xFF008B0B)
YUV	82.8470, -35.4206, -72.6568
Hunter-Lab	42.9993, -36.6713, 25.4174

Details

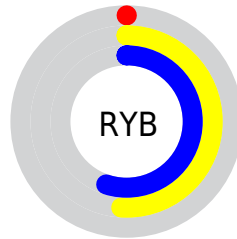
The Hex color **008B0B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8B0080**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **55C247**, and **005700** is the 20% darker color. If you saturate the color by 10%, you get **008B0B**, and if you desaturate by 10%, it is **0E8B18**.

Distribution



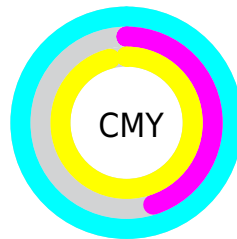
- Red (0%)
- Green (55%)
- Blue (4%)



- Red (0%)
- Yellow (51%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (92%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008B0B 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 008B0B by changing the saturation by 10% instead.

 008B0B

 008B0B

FFFFFF

 007100

 55C247

 005700

 73DE61

 003E00

 90FB7C

 002800

 ADFF97

 000100

 CBFFB3

 000000

 E8FFCF

 FFFFEC

 008B0B

 0E8B18

 1C8B25

 2A8B31

 388B3E

 468B4B

 538B58

 618B65

 6F8B71

 7D8B7E

Harmonies

Analogous

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



6F7F00



008B0B



009158

Triad

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



008B0B



0087F4



E42557

Complementary

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



008B0B



8B0080

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.



D82A96



008B0B



0073F2

Square

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



008B0B



0090D4



A552CF



D14A17

Rectangle

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



008B0B



009285



A552CF



E41E6B

Sweetspot

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



008B0B



7FB583



828B00



3B5C3D



DBDBDB



5C5C5C

Same Dimension

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



008B0B



00B50E



008B4F



3E453F



00850A



000500

Inverse Universe

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



8B0080



B500A7



8B003C



453E44



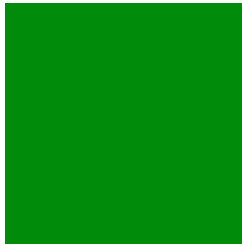
85007A



050005

Previews

White Background



This preview shows how the Hex color 008B0B looks on a white background.

Color Contrast Check

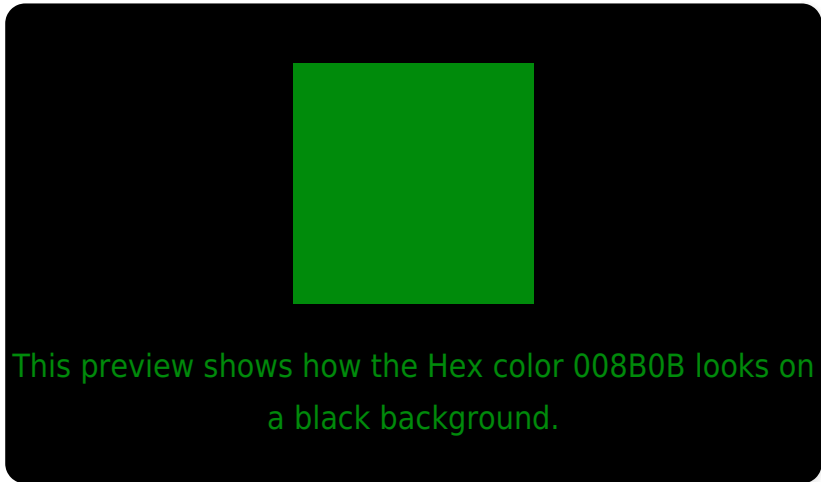
Large Text (above 18pt) WCAG AA ✓ Pass

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

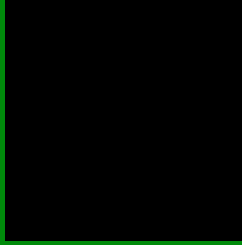
Any Text WCAG AA ✓ Pass

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 008B0B Background



This preview shows how black text looks on a background with the Hex color 008B0B.



This preview shows how white text looks on a background with the Hex color 008B0B.

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
008B0B

Protanopia
867700

Deuteranopia
957120



Tritanopia
3A818C

Trichromacy



Original Color
008B0B



Protanomaly
557E04



Deuteranomaly
5F7A18



Tritanomaly
25855D

Monochromacy



Original Color
008B0B



Achromatopsia
535353



Achromatomaly
356739

CSS Examples

Text

The CSS property to change the color of the text to Hex 008B0B 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 #008B0B looks like.

```
.text, #text, p{  
    color:#008B0B  
}
```

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 #008B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B0B
}
```

Border

The CSS property to change the border of an element to Hex 008B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

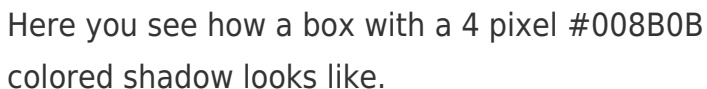
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#008B0B }
```

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

```
.border{ border-color:#008B0B }
```

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



Here you see how a box with a 4 pixel #008B0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B0B; -webkit-box-shadow:4px 4px  
4px 4px #008B0B; box-shadow:4px 4px 4px  
4px #008B0B }
```

Background

The CSS property to change the background color of an element to Hex 008B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B0B }
```

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

```
.background{ background-color:#008B0B }
```

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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