

Converting Colors

Hex(008200)

Have a look what the booklet for
Hex(008200) contains.

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Color

Hex(008200)

Conversions

Conversions Part 1

Format	Color
Hex	008200
RGB	0, 130, 0
RGB Percent	0%, 51%, 0%
CMY	1.0000, 0.4902, 1.0000
CMYK	1.00, 0.00, 1.00, 0.49
HSL	120°, 100%, 25%
HSV	120°, 100%, 51%
XYZ	7.9826, 15.9653, 2.6609
YIQ	76.3100, -35.7500, -67.9900

Conversions

Conversions Part 2

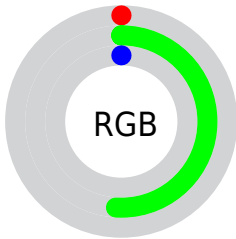
Format	Color
RYB	0, 130, 130
Decimal	33280
CIELab	46.93, -52.28, 50.46
CIELCh	47, 72.660, 136.016
Yxy	15.9653, 0.3000, 0.6000
Android (android.graphics.Color)	4278223360 (0xFF008200)
YUV	76.3100, -37.6208, -66.9239
Hunter-Lab	39.9566, -34.2627, 24.0212

Details

The Hex color **008200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **820082**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **52B840**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008200**, and if you desaturate by 10%, it is **0D820D**.

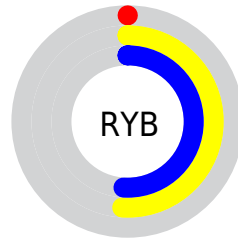
Distribution



Red (0%)

Green (51%)

Blue (0%)



Red (0%)

Yellow (51%)

Blue (51%)

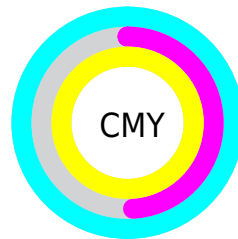


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (100%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008200 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 008200 by changing the saturation by 10% instead.

 008200

 008200

FFFFFF

 006800

 52B840

 004F00

 70D45A

 003700

 8CF175

 002000

 A9FF90

 000000

 C7FFAB

 E4FFC7

 FFFFE4

 008200

 0D820D

 1A821A

 278227

 348234

 418241

 4E824E

 5B825B

 688268

 758275

Harmonies

Analogous

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



697700



008200



00874F

Triad

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



008200



007FE7



D81B52

Complementary

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



008200



820082

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.



CC238E



008200



006CE6

Square

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



008200



0087C7



994CC5



C64214

Rectangle

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



008200



00897A



994CC5



D81366

Sweetspot

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



008200



76A876



828200



365436



D4D4D4



545454

Same Dimension

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



008200



00A800



008241



394039



008000



000000

Inverse Universe

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



820082



A800A8



820041



403940



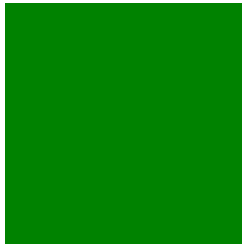
800080



000000

Previews

White Background



This preview shows how the Hex color 008200 looks on a white background.

Color Contrast Check

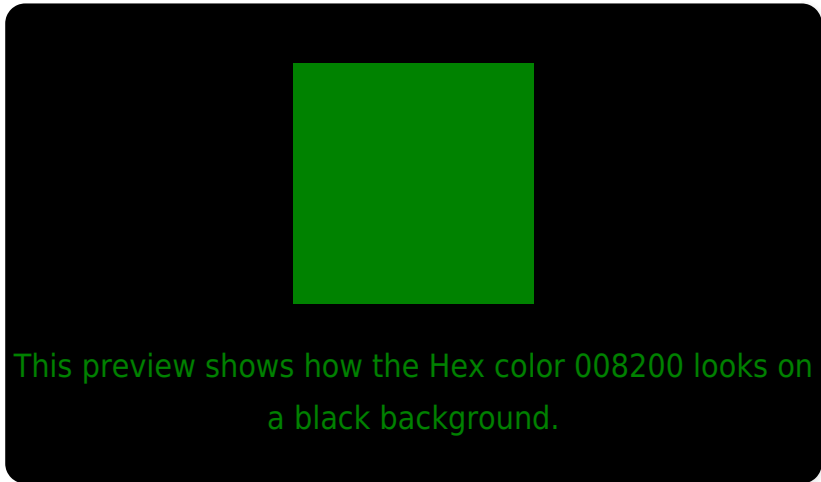
Large Text (above 18pt) WCAG AA ✓ Pass

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 008200 Background



This preview shows how black text looks on a background with the Hex color 008200.



This preview shows how white text looks on a background with the Hex color 008200.

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
008200

Protanopia
7D6F00

Deuteranopia
8C691C

Trichromacy



Original Color
008200



Protanomaly
507600



Deuteranomaly
597212



Tritanomaly
237C53

Monochromacy



Original Color
008200



Achromatopsia
4C4C4C



Achromatomaly
306030

CSS Examples

Text

The CSS property to change the color of the text to Hex 008200 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 #008200 looks like.

```
.text, #text, p{  
    color:#008200  
}
```

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 #008200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008200
}
```

Border

The CSS property to change the border of an element to Hex 008200 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".

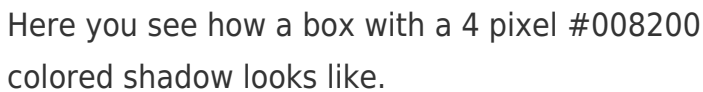
```
.border, #border, table{ border:4px solid
#008200 }
```

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

```
.border{ border-color:#008200 }
```

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

Here you see how a box with a 4 pixel #008200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008200; -webkit-box-shadow:4px 4px  
4px 4px #008200; box-shadow:4px 4px 4px  
4px #008200 }
```

Background

The CSS property to change the background color of an element to Hex 008200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008200 }
```

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

```
.background{ background-color:#008200 }
```

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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