

# Converting Colors

Hex(008210)

Have a look what the booklet for  
Hex(008210) contains.

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**Color**

**Hex(008210)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 008210                      |
| RGB           | 0, 130, 16                  |
| RGB Percent   | 0%, 51%, 6%                 |
| CMY           | 1.0000, 0.4902, 0.9373      |
| CMYK          | 1.00, 0.00, 0.88, 0.49      |
| HSL           | 127°, 100%, 25%             |
| HSV           | 127°, 100%, 51%             |
| XYZ           | 8.0762, 16.0027, 3.1534     |
| YIQ           | 78.1340, -40.8860, -63.0140 |

# Conversions

## Conversions Part 2

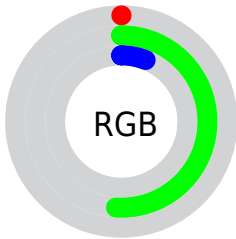
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 116, 130                    |
| Decimal                             | 33296                          |
| CIELab                              | 46.98, -51.64, 47.16           |
| CIELCh                              | 47, 69.937, 137.595            |
| Yxy                                 | 16.0027, 0.2966,<br>0.5876     |
| Android<br>(android.graphics.Color) | 4278223376<br>(0xFF008210)     |
| YUV                                 | 78.1340, -30.6321,<br>-68.5235 |
| Hunter-Lab                          | 40.0033, -33.9690,<br>23.3286  |

# Details

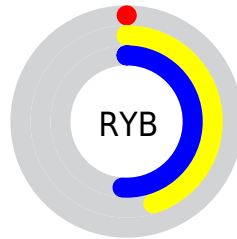
The Hex color **008210** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **820072**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **52B848**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008210**, and if you desaturate by 10%, it is **0D821B**.

# Distribution



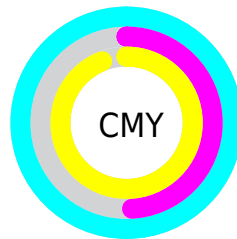
- Red (0%)
- Green (51%)
- Blue (6%)



- Red (0%)
- Yellow (45%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008210 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 008210 by changing the saturation by 10% instead.



 008210

 008210

FFFFFF

 006800

 52B848

 004F00

 6FD462

 003700

 8CF17C

 002000

 A9FF97

 000000

 C6FFB3

 E3FFCF

 FFFFEB

 008210

 0D821B

 1A8227

 278232

 34823E

 418249

 4E8254

 5B8260

 68826B

 758277

# Harmonies

## Analogous

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



677700



008210



008754

# Triad

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



008210



007EE3



D42650

# Complementary

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



008210



820072

# 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.



CA298A



008210



126BE1

# Square

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



008210



0086C6



9B4CC0



C24715

# Rectangle

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



008210



00897D



9B4CC0



D52063



# Sweetspot

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



008210



76A87C



738200



36543A



D4D4D4



545454



# Same Dimension

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



008210



00A815



008250



39403A



008010



000000



# Inverse Universe

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



820072



A80094



820032



40393F



800070

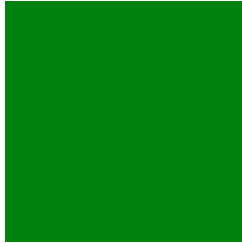


000000



# Previews

## White Background



This preview shows how the Hex color 008210 looks on a white background.

## Color Contrast Check

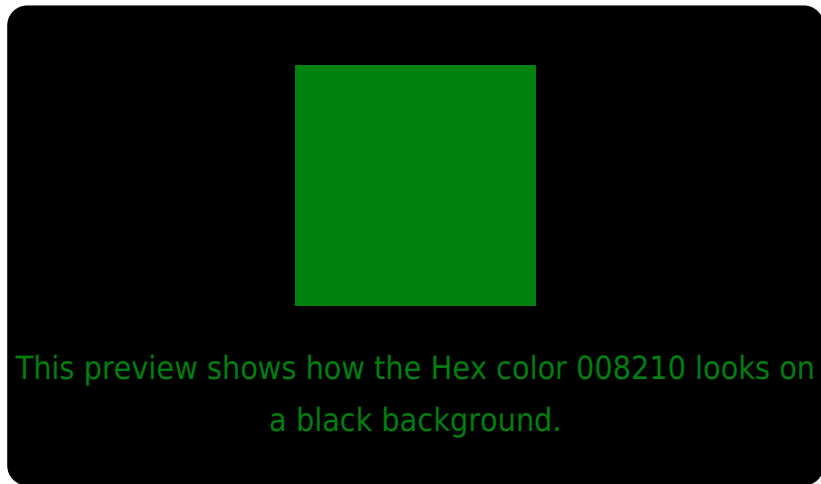
Large Text (above 18pt) WCAG AA ✓ Pass

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 008210 Background



This preview shows how black text looks on a background with the Hex color 008210.



This preview shows how white text looks on a background with the Hex color 008210.

# 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**  
008210

**Protanopia**  
7D6F09

**Deuteranopia**  
8B6920



# Trichromacy



**Original Color**

008210



**Protanomaly**

50760C



**Deuteranomaly**

58721A



**Tritanomaly**

227C59

# Monochromacy



**Original Color**

008210



**Achromatopsia**

4E4E4E



**Achromatomaly**

326137

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008210 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 #008210 looks like.

```
.text, #text, p{  
    color:#008210  
}
```

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 #008210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008210
}
```

## Border

The CSS property to change the border of an element to Hex 008210 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
#008210 }
```

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

```
.border{ border-color:#008210 }
```

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

Here you see how a box with a 4 pixel #008210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008210; -webkit-box-shadow:4px 4px  
4px 4px #008210; box-shadow:4px 4px 4px  
4px #008210 }
```

# Background

The CSS property to change the background color of an element to Hex 008210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008210 }
```

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

```
.background{ background-color:#008210 }
```

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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