

Converting Colors

Hex(008217)

Have a look what the booklet for
Hex(008217) contains.

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Color

Hex(008217)

Conversions

Conversions Part 1

Format	Color
Hex	008217
RGB	0, 130, 23
RGB Percent	0%, 51%, 9%
CMY	1.0000, 0.4902, 0.9098
CMYK	1.00, 0.00, 0.82, 0.49
HSL	131°, 100%, 25%
HSV	131°, 100%, 51%
XYZ	8.1373, 16.0271, 3.4753
YIQ	78.9320, -43.1330, -60.8370

Conversions

Conversions Part 2

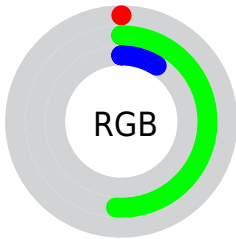
Format	Color
RYB	0, 110, 130
Decimal	33303
CIELab	47.01, -51.23, 45.20
CIELCh	47, 68.314, 138.578
Yxy	16.0271, 0.2944, 0.5799
Android (android.graphics.Color)	4278223383 (0xFF008217)
YUV	78.9320, -27.5745, -69.2234
Hunter-Lab	40.0339, -33.7774, 22.8769

Details

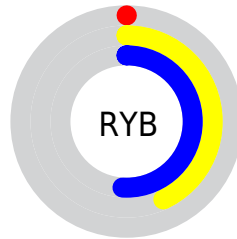
The Hex color **008217** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **82006B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **51B84C**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008217**, and if you desaturate by 10%, it is **0D8222**.

Distribution



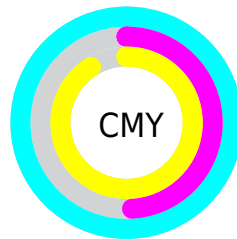
- Red (0%)
- Green (51%)
- Blue (9%)



- Red (0%)
- Yellow (43%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008217 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 008217 by changing the saturation by 10% instead.

 008217

 008217

FFFFFF

 006800

 51B84C

 004F00

 6FD466

 003700

 8BF180

 002000

 A8FF9B

 000000

 C5FFB7

 E3FFD3

 FFFFF0

 008217

 0D8222

 1A822C

 278237

 348242

 41824C

 4E8257

 5B8262

 68826D

 758277

Harmonies

Analogous

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



667800



008217



008757

Triad

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



008217



007DE1



D22B4F

Complementary

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



008217



82006B

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.



C92C88



008217



296ADE

Square

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



008217



0086C5



9D4DBC



C04916

Rectangle

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



008217



00887F



9D4DBC



D32562

Sweetspot

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



008217



76A87F



6C8200



36543B



D4D4D4



545454

Same Dimension

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



008217



00A81E



008257



39403B



008017



000000

Inverse Universe

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



82006B



A8008B



82002B



40393F



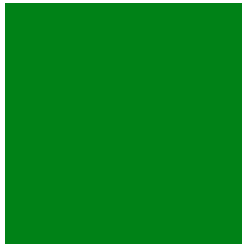
800069



000000

Previews

White Background



This preview shows how the Hex color 008217 looks on a white background.

Color Contrast Check

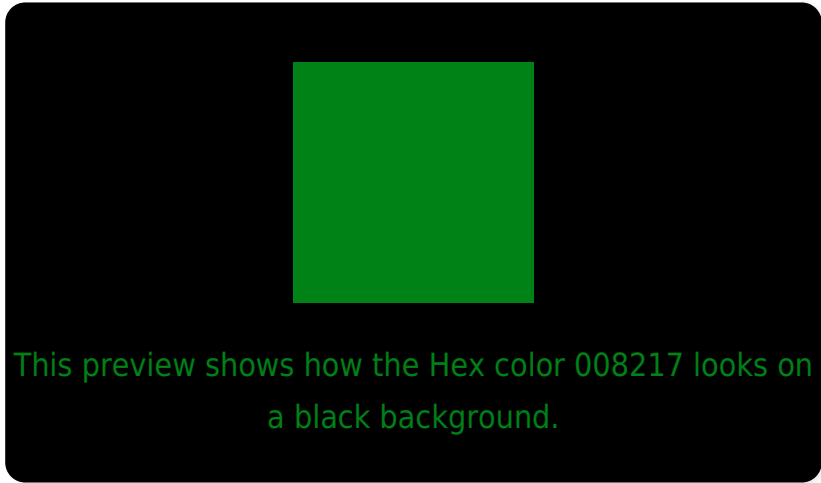
Large Text (above 18pt) WCAG AA ✓ Pass

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 008217 Background



This preview shows how black text looks on a background with the Hex color 008217.



This preview shows how white text looks on a background with the Hex color 008217.

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
008217

Protanopia
7D6F12

Deuteranopia
8B6A24

Trichromacy



Original Color

008217



Protanomaly

507614



Deuteranomaly

58731F



Tritanomaly

227C5C

Monochromacy



Original Color

008217



Achromatopsia

4F4F4F



Achromatomaly

32623B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008217 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 #008217 looks like.

```
.text, #text, p{  
    color:#008217  
}
```

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 #008217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008217
}
```

Border

The CSS property to change the border of an element to Hex 008217 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".

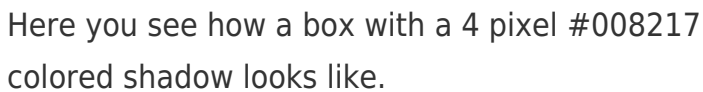
```
.border, #border, table{ border:4px solid
#008217 }
```

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

```
.border{ border-color:#008217 }
```

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

Here you see how a box with a 4 pixel #008217 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008217; -webkit-box-shadow:4px 4px  
4px 4px #008217; box-shadow:4px 4px 4px  
4px #008217 }
```

Background

The CSS property to change the background color of an element to Hex 008217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008217 }
```

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

```
.background{ background-color:#008217 }
```

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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