

Converting Colors

Hex(008232)

Have a look what the booklet for
Hex(008232) contains.

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Color

Hex(008232)

Conversions

Conversions Part 1

Format	Color
Hex	008232
RGB	0, 130, 50
RGB Percent	0%, 51%, 20%
CMY	1.0000, 0.4902, 0.8039
CMYK	1.00, 0.00, 0.62, 0.49
HSL	143°, 100%, 25%
HSV	143°, 100%, 51%
XYZ	8.5584, 16.1956, 5.6926
YIQ	82.0100, -51.8000, -52.4400

Conversions

Conversions Part 2

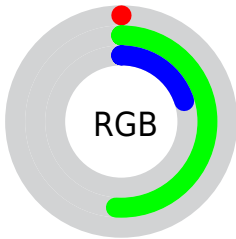
Format	Color
RYB	0, 94, 130
Decimal	33330
CIELab	47.23, -48.44, 34.23
CIELCh	47, 59.313, 144.750
Yxy	16.1956, 0.2811, 0.5319
Android (android.graphics.Color)	4278223410 (0xFF008232)
YUV	82.0100, -15.7809, -71.9228
Hunter-Lab	40.2437, -32.4661, 19.7838

Details

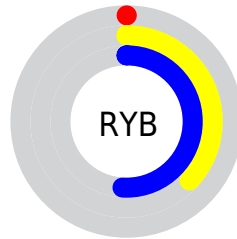
The Hex color **008232** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **820050**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **50B863**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008232**, and if you desaturate by 10%, it is **0D823A**.

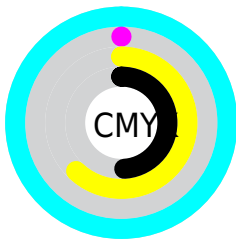
Distribution



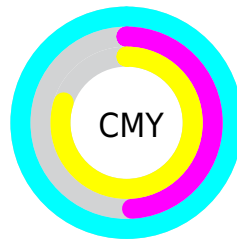
- Red (0%)
- Green (51%)
- Blue (20%)



- Red (0%)
- Yellow (37%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008232 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 008232 by changing the saturation by 10% instead.

 008232

 008232

FFFFFF

 00681A

 50B863

 004F00

 6DD47D

 003700

 89F197

 002100

 A6FFB2

 000000

 C3FFCE

 E0FFEB

FEFFFF

 008232

 0D823A

 1A8242

 27824A

 348252

 41825A

 4E8262

 5B826A

 688272

 75827A

Harmonies

Analogous

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



5F7900



008232



008665

Triad

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



008232



0079D4



C64049

Complementary

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



008232



820050

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.



C33B7B



008232



5B67CB

Square

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



008232



0083C1



A34EAA



B2561B

Rectangle

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



008232



008788



A34EAA



C83B5A

Sweetspot

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



008232



76A889



508200



365442



D4D4D4



545454

Same Dimension

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



008232



00A841



008273



39403C



008031



000000

Inverse Universe

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



820050



A80068



82000F



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 008232 looks on a white background.

Color Contrast Check

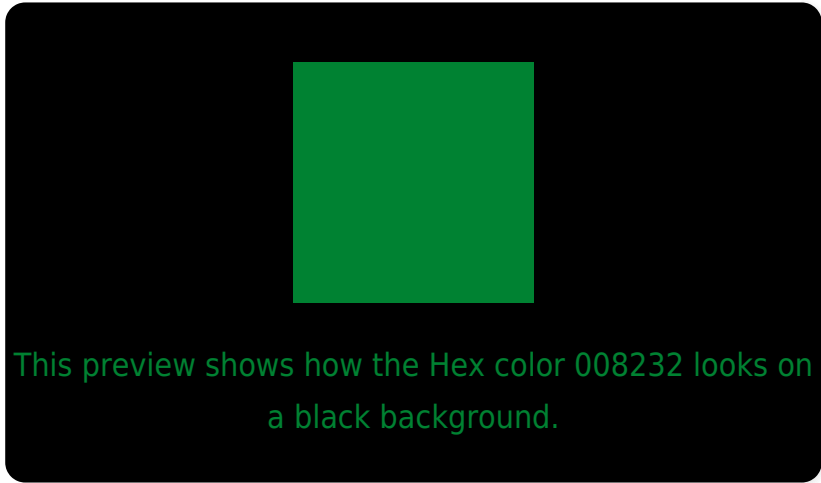
Large Text (above 18pt) WCAG AA ✓ Pass

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 008232 Background



This preview shows how black text looks on a background with the Hex color 008232.



This preview shows how white text looks on a background with the Hex color 008232.

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
008232

Protanopia
7C702D

Deuteranopia
896A39



Tritanopia
347A84

Trichromacy



Original Color
008232



Protanomaly
4F772F



Deuteranomaly
577336



Tritanomaly
217D66

Monochromacy



Original Color
008232



Achromatopsia
525252



Achromatomaly
346346

CSS Examples

Text

The CSS property to change the color of the text to Hex 008232 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 #008232 looks like.

```
.text, #text, p{  
    color:#008232  
}
```

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 #008232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008232
}
```

Border

The CSS property to change the border of an element to Hex 008232 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
#008232 }
```

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

```
.border{ border-color:#008232 }
```

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

Here you see how a box with a 4 pixel #008232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008232; -webkit-box-shadow:4px 4px  
4px 4px #008232; box-shadow:4px 4px 4px  
4px #008232 }
```

Background

The CSS property to change the background color of an element to Hex 008232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008232 }
```

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

```
.background{ background-color:#008232 }
```

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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