

# Converting Colors

Hex(008328)

Have a look what the booklet for  
Hex(008328) contains.

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**Color**

**Hex(008328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008328
RGB	0, 131, 40
RGB Percent	0%, 51%, 16%
CMY	1.0000, 0.4863, 0.8431
CMYK	1.00, 0.00, 0.69, 0.49
HSL	138°, 100%, 26%
HSV	138°, 100%, 51%
XYZ	8.4993, 16.3858, 4.7223
YIQ	81.4570, -48.8650, -56.0730

# Conversions

## Conversions Part 2

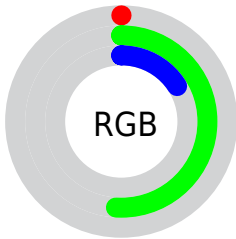
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 100, 131
Decimal	33576
CIELab	47.48, -50.02, 39.17
CIELCh	47, 63.531, 141.931
Yxy	16.3858, 0.2871, 0.5534
Android (android.graphics.Color)	4278223656 (0xFF008328)
YUV	81.4570, -20.4383, -71.4378
Hunter-Lab	40.4794, -33.3599, 21.4188

# Details

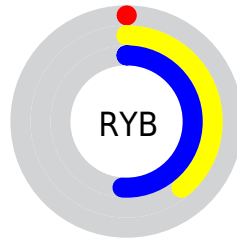
The Hex color **008328** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **83005B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **51B95A**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **008328**, and if you desaturate by 10%, it is **0D8331**.

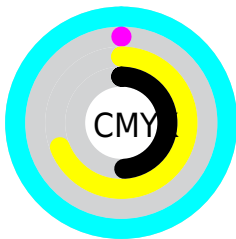
# Distribution



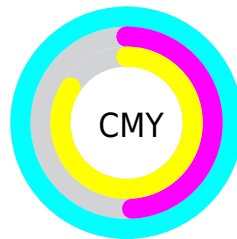
- Red (0%)
- Green (51%)
- Blue (16%)



- Red (0%)
- Yellow (39%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008328 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 008328 by changing the saturation by 10% instead.



 008328

 008328

FFFFFF

 00690D

 51B95A

 005000

 6ED574

 003800

 8AF28E

 002100

 A7FFA9

 000000

 C4FFC5

 E2FFE1

FFFFFFE

 008328

 0D8331

 1A833A

 278343

 34834C

 428356

 4F835F

 5C8368

 698371

 76837A

# Harmonies

## Analogous

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



637A00



008328



008760

# Triad

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



008328



007BDB



CD384C

# Complementary

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



008328



83005B

# 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.



C83581



008328



4C69D5

# Square

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



008328



0085C5



A24EB3



B95119

# Rectangle

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



008328



008885



A24EB3



CE335E



# Sweetspot

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



008328



78AB87



5C8300



375741



D6D6D6



575757



# Same Dimension

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



008328



00AB34



008369



3C423E



008228



000301



# Inverse Universe

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



83005B



AB0077



83001A



423C40



82005A

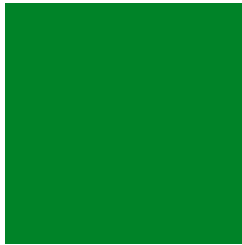


030002



# Previews

## White Background



This preview shows how the Hex color 008328 looks on a white background.

## Color Contrast Check

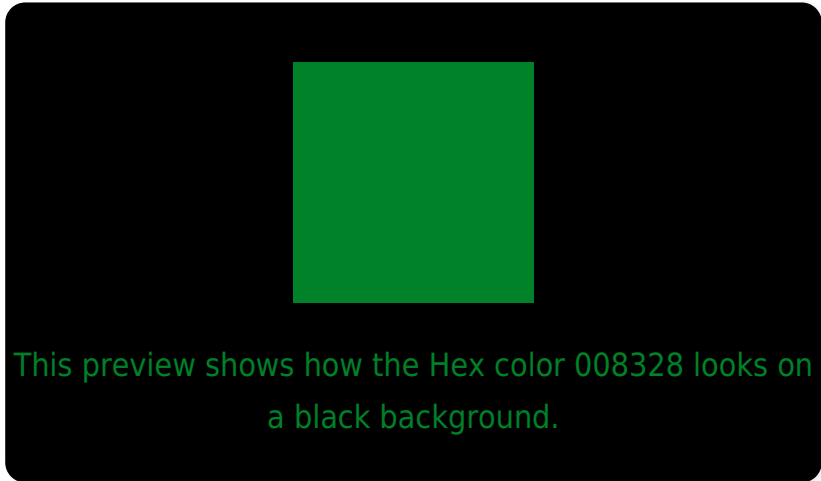
Large Text (above 18pt) WCAG AA ✓ Pass

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 008328 Background



This preview shows how black text looks on a background with the Hex color 008328.

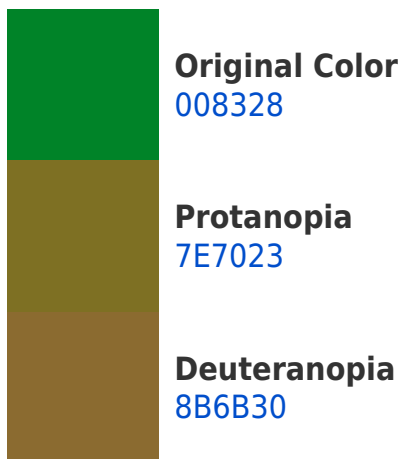


This preview shows how white text looks on a background with the Hex color 008328.

# 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





**Tritanopia**  
357A84

# Trichromacy



**Original Color**  
008328



**Protanomaly**  
507725



**Deuteranomaly**  
58742D

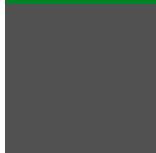


**Tritanomaly**  
227D63

# Monochromacy



**Original Color**  
008328



**Achromatopsia**  
515151



**Achromatomaly**  
346342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008328 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 #008328 looks like.

```
.text, #text, p{  
    color:#008328  
}
```

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 #008328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008328
}
```

## Border

The CSS property to change the border of an element to Hex 008328 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
#008328 }
```

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

```
.border{ border-color:#008328 }
```

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

Here you see how a box with a 4 pixel #008328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008328; -webkit-box-shadow:4px 4px  
4px 4px #008328; box-shadow:4px 4px 4px  
4px #008328 }
```

# Background

The CSS property to change the background color of an element to Hex 008328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008328 }
```

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

```
.background{ background-color:#008328 }
```

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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