

Converting Colors

Hex(008337)

Have a look what the booklet for
Hex(008337) contains.

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Color

Hex(008337)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 008337 |
| RGB | 0, 131, 55 |
| RGB Percent | 0%, 51%, 22% |
| CMY | 1.0000, 0.4863, 0.7843 |
| CMYK | 1.00, 0.00, 0.58, 0.49 |
| HSL | 145°, 100%, 26% |
| HSV | 145°, 100%, 51% |
| XYZ | 8.8059, 16.5084, 6.3368 |
| YIQ | 83.1670, -53.6800, -51.4080 |

Conversions

Conversions Part 2

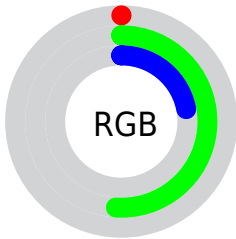
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 92, 131 |
| Decimal | 33591 |
| CIELab | 47.63, -48.04, 32.21 |
| CIELCh | 48, 57.839, 146.160 |
| Yxy | 16.5084, 0.2782, 0.5216 |
| Android (android.graphics.Color) | 4278223671 (0xFF008337) |
| YUV | 83.1670, -13.8863, -72.9375 |
| Hunter-Lab | 40.6306, -32.4171, 19.1945 |

Details

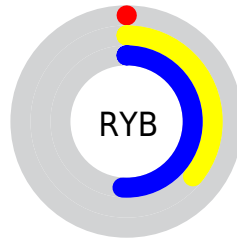
The Hex color **008337** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **83004C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50B968**, and **005006** is the 20% darker color. If you saturate the color by 10%, you get **008337**, and if you desaturate by 10%, it is **0D833F**.

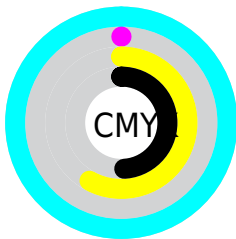
Distribution



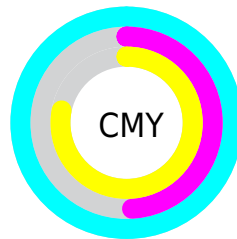
- Red (0%)
- Green (51%)
- Blue (22%)



- Red (0%)
- Yellow (36%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Hex color 008337 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 008337 by changing the saturation by 10% instead.

 008337

 008337

FFFFFF

 00691F

 50B968

 005006

 6DD582

 003800

 89F29C

 002200

 A6FFB7

 000000

 C3FFD3

 E0FFF0

FEFFFF

 008337

 0D833F

 1A8346

 27834E

 348355

 42835D

 4F8365

 5C836C

 698374

 76837B

Harmonies

Analogous

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



5E7B02



008337



008769

Triad

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



008337



0079D3



C54449

Complementary

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



008337



83004C

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.



C33E79



008337



6367C9

Square

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



008337



0083C2



A54FA8



B1591D

Rectangle

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



008337



00878B



A54FA8



C83F59

Sweetspot

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



008337



78AB8D



4C8300



375745



D6D6D6



575757

Same Dimension

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



008337



00AB48



008378



3C423E



008237



000301

Inverse Universe

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



83004C



AB0063



83000B



423C40



82004B



030001

Previews

White Background



This preview shows how the Hex color 008337 looks on a white background.

Color Contrast Check

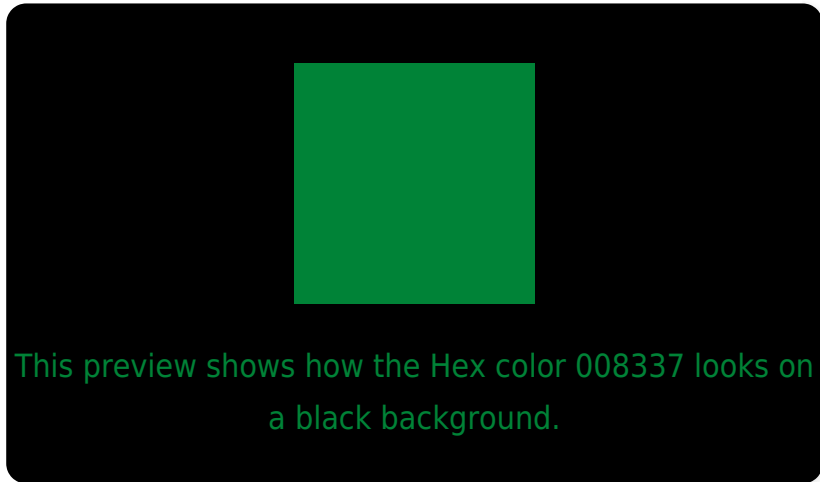
Large Text (above 18pt) WCAG AA ✓ Pass

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 008337 Background



This preview shows how black text looks on a background with the Hex color 008337.



This preview shows how white text looks on a background with the Hex color 008337.

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
008337

Protanopia
7D7131

Deuteranopia
8A6B3E



Tritanopia
347B85

Trichromacy



Original Color
008337



Protanomaly
507833



Deuteranomaly
58743B



Tritanomaly
217E69

Monochromacy



Original Color
008337



Achromatopsia
535353



Achromatomaly
356449

CSS Examples

Text

The CSS property to change the color of the text to Hex 008337 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 #008337 looks like.

```
.text, #text, p{  
    color:#008337  
}
```

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 #008337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008337
}
```

Border

The CSS property to change the border of an element to Hex 008337 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
#008337 }
```

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

```
.border{ border-color:#008337 }
```

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

Here you see how a box with a 4 pixel #008337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008337; -webkit-box-shadow:4px 4px  
4px 4px #008337; box-shadow:4px 4px 4px  
4px #008337 }
```

Background

The CSS property to change the background color of an element to Hex 008337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008337 }
```

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

```
.background{ background-color:#008337 }
```

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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