

Converting Colors

Hex(008331)

Have a look what the booklet for
Hex(008331) contains.

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Color

Hex(008331)

Conversions

Conversions Part 1

Format	Color
Hex	008331
RGB	0, 131, 49
RGB Percent	0%, 51%, 19%
CMY	1.0000, 0.4863, 0.8078
CMYK	1.00, 0.00, 0.63, 0.49
HSL	142°, 100%, 26%
HSV	142°, 100%, 51%
XYZ	8.6707, 16.4544, 5.6247
YIQ	82.4830, -51.7540, -53.2740

Conversions

Conversions Part 2

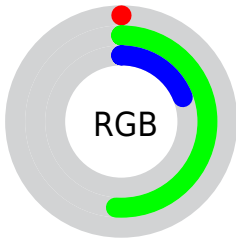
Format	Color
RYB	0, 95, 131
Decimal	33585
CIELab	47.57, -48.90, 35.11
CIELCh	48, 60.202, 144.326
Yxy	16.4544, 0.2820, 0.5351
Android (android.graphics.Color)	4278223665 (0xFF008331)
YUV	82.4830, -16.5071, -72.3376
Hunter-Lab	40.5640, -32.8320, 20.1734

Details

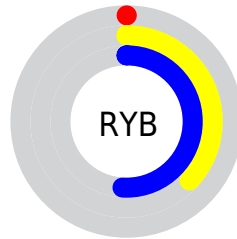
The Hex color **008331** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **830052**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **50B962**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **008331**, and if you desaturate by 10%, it is **0D8339**.

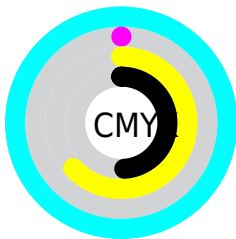
Distribution



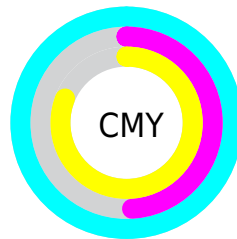
- Red (0%)
- Green (51%)
- Blue (19%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008331 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 008331 by changing the saturation by 10% instead.

 008331

 008331

FFFFFF

 006919

 50B962

 005000

 6DD57C

 003800

 8AF296

 002200

 A6FFB1

 000000

 C3FFCD

 E1FFEA

 008331

 0D8339

 1A8341

 27834A

 348352

 42835A

 4F8362

 5C836A

 698373

 76837B

Harmonies

Analogous

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



607A00



008331



008765

Triad

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



008331



007AD6



C93F4A

Complementary

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



008331



830052

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.



C53B7D



008331



5A68CE

Square

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



008331



0084C3



A44FAD



B5561B

Rectangle

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



008331



008889



A44FAD



CA3B5B

Sweetspot

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



008331



78AB8B



538300



375743



D6D6D6



575757

Same Dimension

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



008331



00AB40



008372



3C423E



008231



000301

Inverse Universe

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



830052



AB006B



830011



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 008331 looks on a white background.

Color Contrast Check

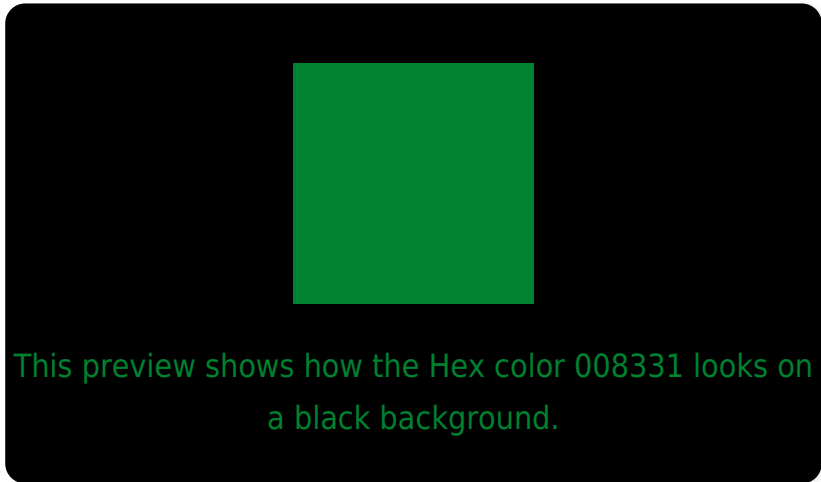
Large Text (above 18pt) WCAG AA ✓ Pass

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 008331 Background



This preview shows how black text looks on a background with the Hex color 008331.



This preview shows how white text looks on a background with the Hex color 008331.

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
008331

Protanopia
7D712C

Deuteranopia
8A6B38



Tritanopia
347B85

Trichromacy



Original Color
008331



Protanomaly
50782E



Deuteranomaly
587435



Tritanomaly
217E66

Monochromacy



Original Color
008331



Achromatopsia
525252



Achromatomaly
346446

CSS Examples

Text

The CSS property to change the color of the text to Hex 008331 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 #008331 looks like.

```
.text, #text, p{  
    color:#008331  
}
```

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 #008331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008331
}
```

Border

The CSS property to change the border of an element to Hex 008331 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
#008331 }
```

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

```
.border{ border-color:#008331 }
```

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

Here you see how a box with a 4 pixel #008331 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008331; -webkit-box-shadow:4px 4px  
4px 4px #008331; box-shadow:4px 4px 4px  
4px #008331 }
```

Background

The CSS property to change the background color of an element to Hex 008331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008331 }
```

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

```
.background{ background-color:#008331 }
```

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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