

Converting Colors

Hex(008346)

Have a look what the booklet for
Hex(008346) contains.

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Color

Hex(008346)

Conversions

Conversions Part 1

Format	Color
Hex	008346
RGB	0, 131, 70
RGB Percent	0%, 51%, 27%
CMY	1.0000, 0.4863, 0.7255
CMYK	1.00, 0.00, 0.47, 0.49
HSL	152°, 100%, 26%
HSV	152°, 100%, 51%
XYZ	9.2218, 16.6748, 8.5269
YIQ	84.8770, -58.4950, -46.7430

Conversions

Conversions Part 2

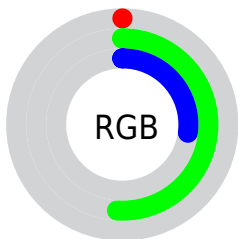
Format	Color
RYB	0, 85, 131
Decimal	33606
CIELab	47.85, -45.45, 24.52
CIELCh	48, 51.642, 151.659
Yxy	16.6748, 0.2679, 0.4844
Android (android.graphics.Color)	4278223686 (0xFF008346)
YUV	84.8770, -7.3344, -74.4371
Hunter-Lab	40.8348, -31.1499, 16.2038

Details

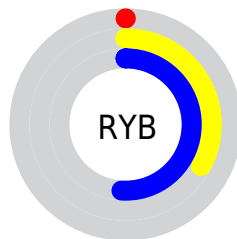
The Hex color **008346** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **83003D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **50B977**, and **005018** is the 20% darker color. If you saturate the color by 10%, you get **008346**, and if you desaturate by 10%, it is **0D834C**.

Distribution



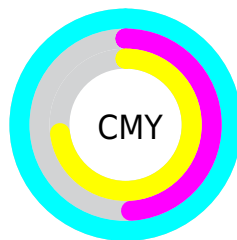
- Red (0%)
- Green (51%)
- Blue (27%)



- Red (0%)
- Yellow (33%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008346 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 008346 by changing the saturation by 10% instead.

 008346

 008346

FFFFFF

 00692F

 50B977

 005018

 6CD591

 003800

 89F2AC

 002200

 A5FFC7

 000000

 C2FFE4

 E0FFFF

 F0FFFF

 008346

 0D834C

 1A8352

 278358

 34835E

 428365

 4F836B

 5C8371

 698377

 76837D

Harmonies

Analogous

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



597C1F



008346



008673

Triad

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



008346



0076C9



BD4E46

Complementary

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



008346



83003D

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.



BE4771



008346



7565BC

Square

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



008346



0081BE



A8529C



A76022

Rectangle

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



008346



008690



A8529C



C04A54

Sweetspot

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



008346



78AB93



3D8300



375748



D6D6D6



575757

Same Dimension

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



008346



00AB5B



007F83



3C423F



008245



000301

Inverse Universe

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



83003D



AB0050



830400



423C3F



82003D



030001

Previews

White Background



This preview shows how the Hex color 008346 looks on a white background.

Color Contrast Check

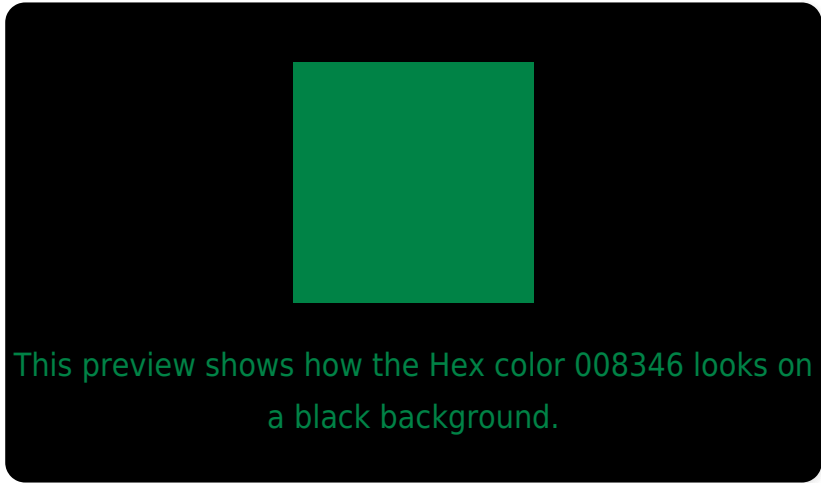
Large Text (above 18pt) WCAG AA ✓ Pass

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 008346 Background



This preview shows how black text looks on a background with the Hex color 008346.




This preview shows how white text looks on a background with the Hex color 008346.

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
317C86

Trichromacy



Original Color
008346



Protanomaly
4F7842



Deuteranomaly
57744A



Tritanomaly
1F7F6F

Monochromacy



Original Color
008346



Achromatopsia
555555



Achromatomaly
366650

CSS Examples

Text

The CSS property to change the color of the text to Hex 008346 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 #008346 looks like.

```
.text, #text, p{  
    color:#008346  
}
```

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 #008346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008346
}
```

Border

The CSS property to change the border of an element to Hex 008346 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
#008346 }
```

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

```
.border{ border-color:#008346 }
```

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

Here you see how a box with a 4 pixel #008346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008346; -webkit-box-shadow:4px 4px  
4px 4px #008346; box-shadow:4px 4px 4px  
4px #008346 }
```

Background

The CSS property to change the background color of an element to Hex 008346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008346 }
```

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

```
.background{ background-color:#008346 }
```

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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