

Converting Colors

Hex(008634)

Have a look what the booklet for
Hex(008634) contains.

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Color

Hex(008634)

Conversions

Conversions Part 1

Format	Color
Hex	008634
RGB	0, 134, 52
RGB Percent	0%, 53%, 20%
CMY	1.0000, 0.4745, 0.7961
CMYK	1.00, 0.00, 0.61, 0.47
HSL	143°, 100%, 26%
HSV	143°, 100%, 53%
XYZ	9.1449, 17.2981, 6.1057
YIQ	84.5860, -53.5420, -53.9100

Conversions

Conversions Part 2

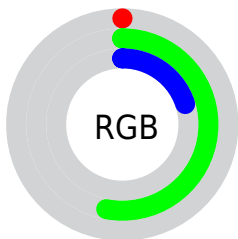
Format	Color
RYB	0, 97, 134
Decimal	34356
CIELab	48.63, -49.48, 34.89
CIELCh	49, 60.541, 144.814
Yxy	17.2981, 0.2810, 0.5315
Android (android.graphics.Color)	4278224436 (0xFF008634)
YUV	84.5860, -16.0649, -74.1819
Hunter-Lab	41.5910, -33.5361, 20.4097

Details

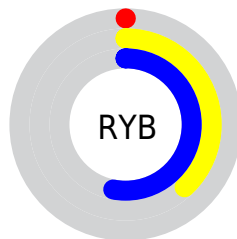
The Hex color **008634** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **860052**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **51BC65**, and **005301** is the 20% darker color. If you saturate the color by 10%, you get **008634**, and if you desaturate by 10%, it is **0D863C**.

Distribution



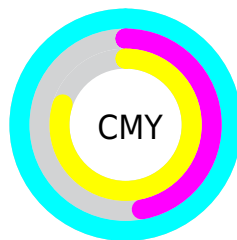
- Red (0%)
- Green (53%)
- Blue (20%)



- Red (0%)
- Yellow (38%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008634 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 008634 by changing the saturation by 10% instead.

 008634

 008634

FFFFFF

 006C1C

 51BC65

 005301

 6ED97F

 003A00

 8BF59A

 002400

 A8FFB5

 000000

 C5FFD1

 E2FFED

 008634

 0D863C

 1B8644

 28864D

 368655

 43865D

 508665

 5E866D

 6B8676

 79867E

Harmonies

Analogous

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



627D00



008634



008A69

Triad

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



008634



007CDA



CC424C

Complementary

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



008634



860052

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.



C93D7F



008634



5F6AD1

Square

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



008634



0087C7



A851AF



B8591D

Rectangle

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



008634



008B8C



A851AF



CE3D5C

Sweetspot

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



008634



79AD8E



538600



375744



D6D6D6



575757

Same Dimension

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



008634



00AD43



008676



3C423E



008232



000301

Inverse Universe

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



860052



AD006A



860010



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 008634 looks on a white background.

Color Contrast Check

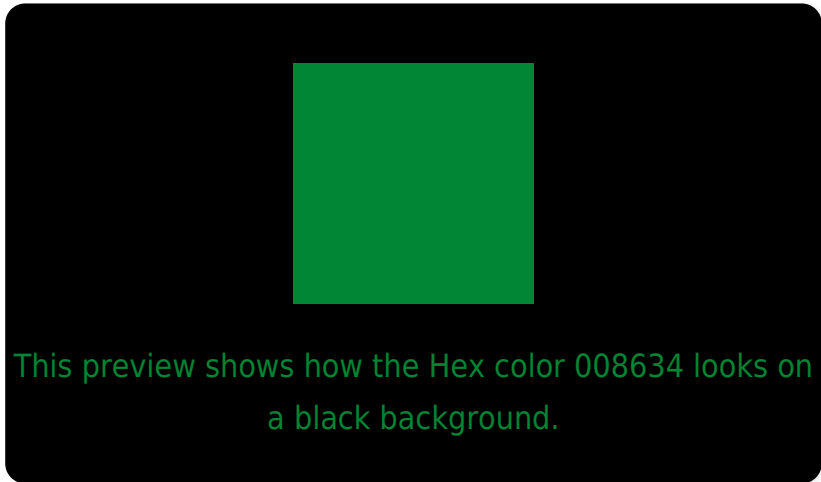
Large Text (above 18pt) WCAG AA ✓ Pass

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

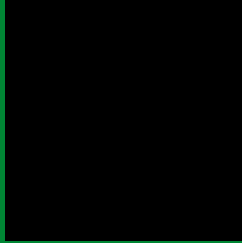
Any Text WCAG AA × Fail

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 008634 Background



This preview shows how black text looks on a background with the Hex color 008634.



This preview shows how white text looks on a background with the Hex color 008634.

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
008634

Protanopia
80732E

Deuteranopia
8D6E3B



Tritanopia
357E88

Trichromacy



Original Color
008634



Protanomaly
517A30



Deuteranomaly
5A7738



Tritanomaly
228169

Monochromacy



Original Color
008634



Achromatopsia
555555



Achromatomaly
366749

CSS Examples

Text

The CSS property to change the color of the text to Hex 008634 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 #008634 looks like.

```
.text, #text, p{  
    color:#008634  
}
```

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 #008634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008634
}
```

Border

The CSS property to change the border of an element to Hex 008634 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
#008634 }
```

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

```
.border{ border-color:#008634 }
```

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

Here you see how a box with a 4 pixel #008634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008634; -webkit-box-shadow:4px 4px  
4px 4px #008634; box-shadow:4px 4px 4px  
4px #008634 }
```

Background

The CSS property to change the background color of an element to Hex 008634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008634 }
```

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

```
.background{ background-color:#008634 }
```

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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