

Converting Colors

Hex(008600)

Have a look what the booklet for
Hex(008600) contains.

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Color

Hex(008600)

Conversions

Conversions Part 1

Format	Color
Hex	008600
RGB	0, 134, 0
RGB Percent	0%, 53%, 0%
CMY	1.0000, 0.4745, 1.0000
CMYK	1.00, 0.00, 1.00, 0.47
HSL	120°, 100%, 26%
HSV	120°, 100%, 53%
XYZ	8.5251, 17.0502, 2.8417
YIQ	78.6580, -36.8500, -70.0820

Conversions

Conversions Part 2

Format	Color
RYB	0, 134, 134
Decimal	34304
CIELab	48.32, -53.44, 51.58
CIELCh	48, 74.270, 136.016
Yxy	17.0502, 0.3000, 0.6000
Android (android.graphics.Color)	4278224384 (0xFF008600)
YUV	78.6580, -38.7784, -68.9831
Hunter-Lab	41.2919, -35.4078, 24.8240

Details

The Hex color **008600** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **860086**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **54BC41**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **008600**, and if you desaturate by 10%, it is **0D860D**.

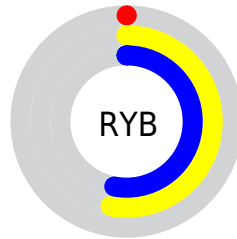
Distribution



Red (0%)

Green (53%)

Blue (0%)



Red (0%)

Yellow (53%)

Blue (53%)

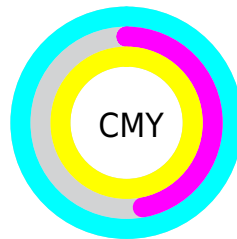


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (100%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008600 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 008600 by changing the saturation by 10% instead.

 008600

 008600

FFFFFF

 006C00

 54BC41

 005300

 71D95C

 003A00

 8EF676

 002400

 ABFF91

 000000

 C9FFAD

 E6FFC9

 FFFFE6

 008600

 0D860D

 1B861B

 288628

 368636

 438643

 508650

 5E865E

 6B866B

 798679

Harmonies

Analogous

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



6C7A00



008600



008C52

Triad

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



008600



0083EE



DE1C54

Complementary

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



008600



860086

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.



D22493



008600



006FED

Square

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



008600



008CCD



9D4FCB



CC4515

Rectangle

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



008600



008D7E



9D4FCB



DE1469

Sweetspot

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



008600



79AD79



868600



375737



D6D6D6



575757

Same Dimension

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



008600



00AD00



008643



3C423C



008200



000300

Inverse Universe

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



860086



AD00AD



860043



423C42



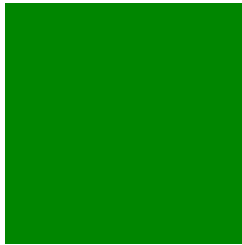
820082



030003

Previews

White Background



This preview shows how the Hex color 008600 looks on a white background.

Color Contrast Check

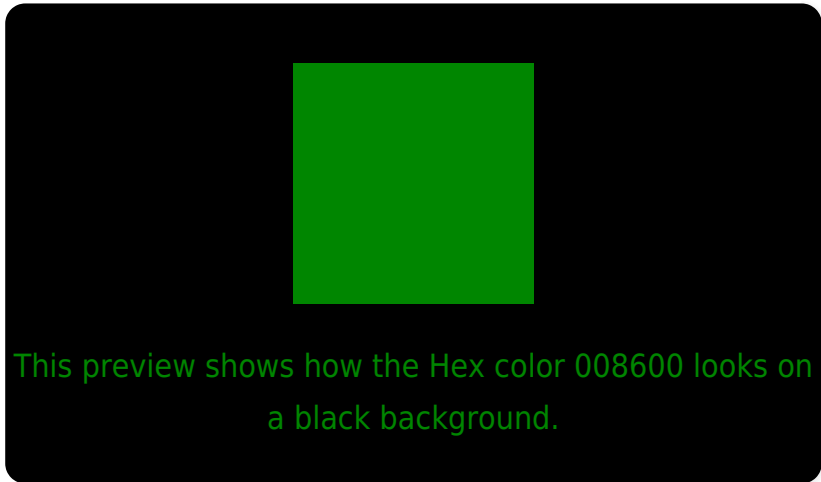
Large Text (above 18pt) WCAG AA ✓ Pass

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 008600 Background



This preview shows how black text looks on a background with the Hex color 008600.



This preview shows how white text looks on a background with the Hex color 008600.

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
008600

Protanopia
817300

Deuteranopia
906D1D



Tritanopia
387D87

Trichromacy



Original Color
008600



Protanomaly
527A00



Deuteranomaly
5C7612



Tritanomaly
248056

Monochromacy



Original Color
008600



Achromatopsia
4F4F4F



Achromatomaly
326332

CSS Examples

Text

The CSS property to change the color of the text to Hex 008600 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 #008600 looks like.

```
.text, #text, p{  
    color:#008600  
}
```

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 #008600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008600
}
```

Border

The CSS property to change the border of an element to Hex 008600 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
#008600 }
```

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

```
.border{ border-color:#008600 }
```

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

Here you see how a box with a 4 pixel #008600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008600; -webkit-box-shadow:4px 4px  
4px 4px #008600; box-shadow:4px 4px 4px  
4px #008600 }
```

Background

The CSS property to change the background color of an element to Hex 008600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008600 }
```

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

```
.background{ background-color:#008600 }
```

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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