

Converting Colors

Hex(008820)

Have a look what the booklet for
Hex(008820) contains.

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Color

Hex(008820)

Conversions

Conversions Part 1

Format	Color
Hex	008820
RGB	0, 136, 32
RGB Percent	0%, 53%, 13%
CMY	1.0000, 0.4667, 0.8745
CMYK	1.00, 0.00, 0.76, 0.47
HSL	134°, 100%, 27%
HSV	134°, 100%, 53%
XYZ	9.0649, 17.7126, 4.3076
YIQ	83.4800, -47.6720, -61.1760

Conversions

Conversions Part 2

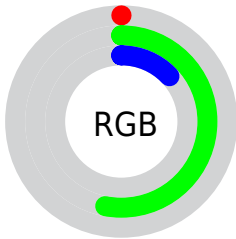
Format	Color
RYB	0, 110, 136
Decimal	34848
CIELab	49.15, -52.36, 44.17
CIELCh	49, 68.501, 139.847
Yxy	17.7126, 0.2916, 0.5698
Android (android.graphics.Color)	4278224928 (0xFF008820)
YUV	83.4800, -25.3796, -73.2120
Hunter-Lab	42.0863, -35.2044, 23.3920

Details

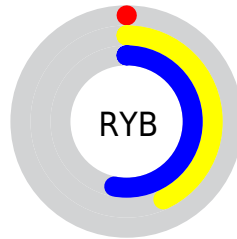
The Hex color **008820** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **880068**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **53BF54**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **008820**, and if you desaturate by 10%, it is **0E882A**.

Distribution



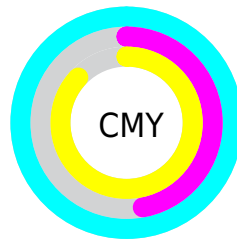
- Red (0%)
- Green (53%)
- Blue (13%)



- Red (0%)
- Yellow (43%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008820 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 008820 by changing the saturation by 10% instead.

 008820

 008820

FFFFFF

 006E00

 53BF54

 005400

 70DB6E

 003C00

 8DF888

 002600

 AAFFA3

 000000

 C7FFBF

 E5FFDB

 FFFFF8

 008820

 0E882A

 1B8835

 29883F

 36884A

 448854

 52885E

 5F8869

 6D8873

 7A887E

Harmonies

Analogous

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



697E00



008820



008D5E

Triad

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



008820



0082E8



D93351

Complementary

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



008820



880068

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.



D1328B



008820



3C6EE3

Square

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



008820



008BCD



A651C1



C55018

Rectangle

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



008820



008E87



A651C1



DA2D64

Sweetspot

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



008820



7BB088



688800



395941



D9D9D9



595959

Same Dimension

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



008820



00B029



008864



3E4540



00851F



000501

Inverse Universe

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



880068



B00087



880024



453E43



850065



050004

Previews

White Background



This preview shows how the Hex color 008820 looks on a white background.

Color Contrast Check

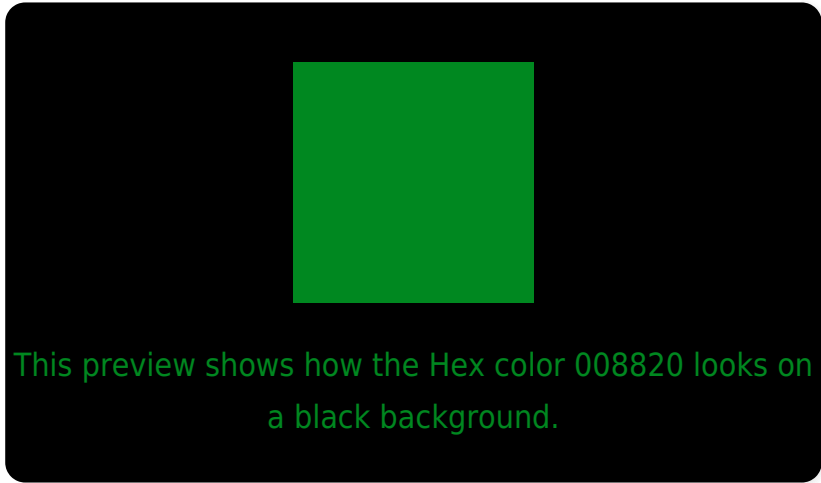
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 008820 Background



This preview shows how black text looks on a background with the Hex color 008820.



This preview shows how white text looks on a background with the Hex color 008820.

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
008820

Protanopia
83751B

Deuteranopia
916F2B



Tritanopia
387F89

Trichromacy



Original Color
008820



Protanomaly
537C1D



Deuteranomaly
5C7827



Tritanomaly
248263

Monochromacy



Original Color
008820



Achromatopsia
535353



Achromatomaly
356640

CSS Examples

Text

The CSS property to change the color of the text to Hex 008820 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 #008820 looks like.

```
.text, #text, p{  
    color:#008820  
}
```

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 #008820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008820
}
```

Border

The CSS property to change the border of an element to Hex 008820 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
#008820 }
```

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

```
.border{ border-color:#008820 }
```

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

Here you see how a box with a 4 pixel #008820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008820; -webkit-box-shadow:4px 4px  
4px 4px #008820; box-shadow:4px 4px 4px  
4px #008820 }
```

Background

The CSS property to change the background color of an element to Hex 008820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008820 }
```

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

```
.background{ background-color:#008820 }
```

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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