

Converting Colors

Hex(008220)

Have a look what the booklet for
Hex(008220) contains.

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Color

Hex(008220)

Conversions

Conversions Part 1

Format	Color
Hex	008220
RGB	0, 130, 32
RGB Percent	0%, 51%, 13%
CMY	1.0000, 0.4902, 0.8745
CMYK	1.00, 0.00, 0.75, 0.49
HSL	135°, 100%, 25%
HSV	135°, 100%, 51%
XYZ	8.2433, 16.0695, 4.0338
YIQ	79.9580, -46.0220, -58.0380

Conversions

Conversions Part 2

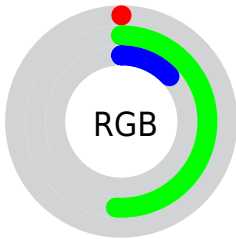
Format	Color
RYB	0, 104, 130
Decimal	33312
CIELab	47.07, -50.51, 42.06
CIELCh	47, 65.732, 140.216
Yxy	16.0695, 0.2908, 0.5669
Android (android.graphics.Color)	4278223392 (0xFF008220)
YUV	79.9580, -23.6433, -70.1232
Hunter-Lab	40.0868, -33.4457, 22.0947

Details

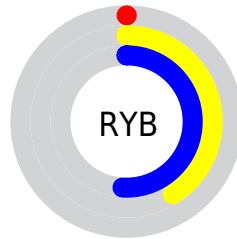
The Hex color **008220** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **820062**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **51B853**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **008220**, and if you desaturate by 10%, it is **0D822A**.

Distribution



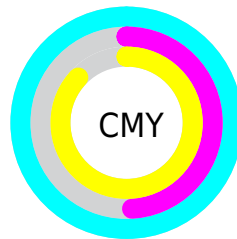
- Red (0%)
- Green (51%)
- Blue (13%)



- Red (0%)
- Yellow (41%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (49%)




- Cyan (100%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008220 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 008220 by changing the saturation by 10% instead.

 008220

 008220

FFFFFF

 006801

 51B853

 004F00

 6ED46D

 003700

 8BF187

 002000

 A7FFA2

 000000

 C4FFBD

 E2FFDA

 FFFFF7

 008220

 0D822A

 1A8234

 27823D

 348247

 418251

 4E825B

 5B8265

 68826E

 758278

Harmonies

Analogous

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



647800



008220



00875B

Triad

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



008220



007CDD



CF324D

Complementary

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



008220



820062

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.



C83184



008220



3D69D8

Square

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



008220



0085C4



9F4DB7



BC4D17

Rectangle

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



008220



008882



9F4DB7



D02D5F

Sweetspot

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



008220



76A882



648200



36543D



D4D4D4



545454

Same Dimension

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



008220



00A829



00825F



39403B



00801F



000000

Inverse Universe

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



820062



A8007F



820023



40393E



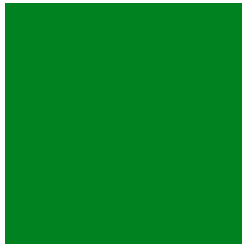
800060



000000

Previews

White Background



This preview shows how the Hex color 008220 looks on a white background.

Color Contrast Check

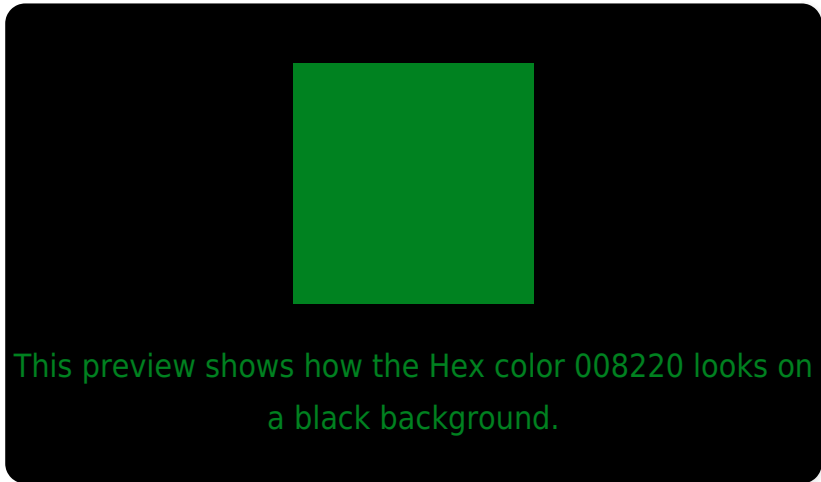
Large Text (above 18pt) WCAG AA ✓ Pass

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 008220 Background



This preview shows how black text looks on a background with the Hex color 008220.



This preview shows how white text looks on a background with the Hex color 008220.

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
008220

Protanopia
7D6F1B

Deuteranopia
8B6A2A



Tritanopia
367983

Trichromacy



Original Color
008220



Protanomaly
50761D



Deuteranomaly
587326



Tritanomaly
227C5F

Monochromacy



Original Color
008220



Achromatopsia
505050



Achromatomaly
33623F

CSS Examples

Text

The CSS property to change the color of the text to Hex 008220 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 #008220 looks like.

```
.text, #text, p{  
    color:#008220  
}
```

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 #008220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008220
}
```

Border

The CSS property to change the border of an element to Hex 008220 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".

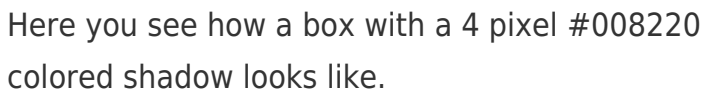
```
.border, #border, table{ border:4px solid
#008220 }
```

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

```
.border{ border-color:#008220 }
```

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

Here you see how a box with a 4 pixel #008220 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008220; -webkit-box-shadow:4px 4px  
4px 4px #008220; box-shadow:4px 4px 4px  
4px #008220 }
```

Background

The CSS property to change the background color of an element to Hex 008220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008220 }
```

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

```
.background{ background-color:#008220 }
```

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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