

Converting Colors

Hex(009920)

Have a look what the booklet for
Hex(009920) contains.

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Color

Hex(009920)

Conversions

Conversions Part 1

Format	Color
Hex	009920
RGB	0, 153, 32
RGB Percent	0%, 60%, 13%
CMY	1.0000, 0.4000, 0.8745
CMYK	1.00, 0.00, 0.79, 0.40
HSL	133°, 100%, 30%
HSV	133°, 100%, 60%
XYZ	11.6519, 22.8868, 5.1700
YIQ	93.4590, -52.3470, -70.0670

Conversions

Conversions Part 2

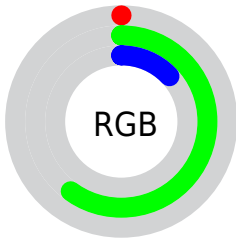
Format	Color
RYB	0, 127, 153
Decimal	39200
CIELab	54.96, -57.46, 49.91
CIELCh	55, 76.112, 139.019
Yxy	22.8868, 0.2934, 0.5764
Android (android.graphics.Color)	4278229280 (0xFF009920)
YUV	93.4590, -30.2993, -81.9635
Hunter-Lab	47.8401, -40.2447, 27.0807

Details

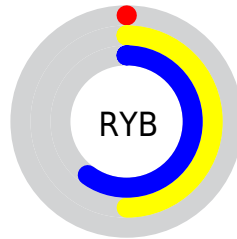
The Hex color **009920** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **990079**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **59D156**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **009920**, and if you desaturate by 10%, it is **0F992C**.

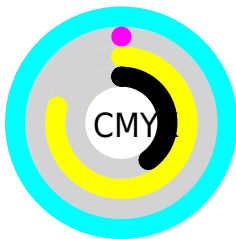
Distribution



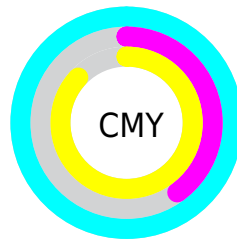
- Red (0%)
- Green (60%)
- Blue (13%)



- Red (0%)
- Yellow (50%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009920 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 009920 by changing the saturation by 10% instead.

 009920

 009920

FFFFFF

 007E00

 59D156

 006400

 77ED71

 004B00

 95FF8B

 003400

 B2FFA7

 001A00

 D0FFC3

 000000

 EEFFDF

 FFFFFD

 009920

 0F992C

 1F9938

 2E9944

 3D9950

 4D995D

 5C9969

 6B9975

 7A9981

 8A998D

Harmonies

Analogous

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



788D00



009920



009F68

Triad

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



009920



0093FF



F5365D

Complementary

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



009920



990079

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.



EB379F



009920



397DFF

Square

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



009920



009DE7



B95BDB



DF591C

Rectangle

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



009920



00A096



B95BDB



F63073

Sweetspot

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



009920



8BC798



7A9900



406347



E3E3E3



636363

Same Dimension

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



009920



00C72A



00996B



454D46



008C1D



000D03

Inverse Universe

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



990079



C7009D



99002E



4D454B



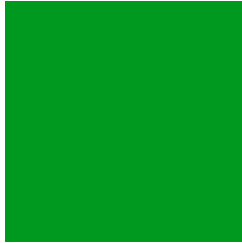
8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 009920 looks on a white background.

Color Contrast Check

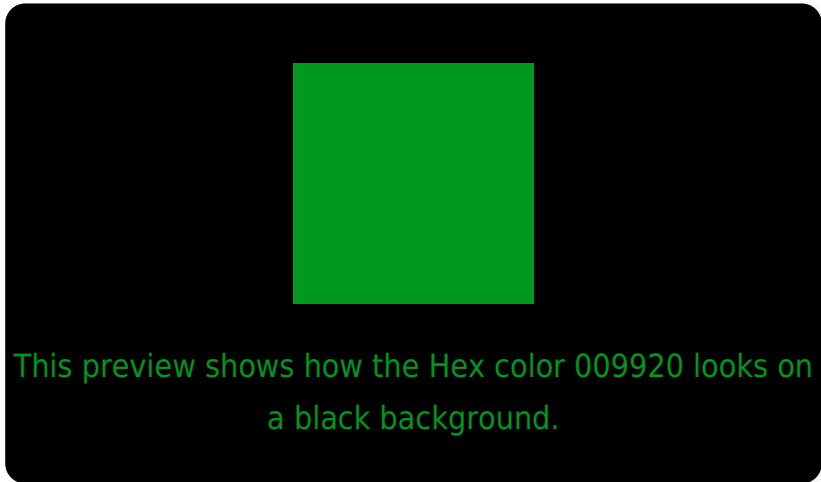
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 009920 Background



This preview shows how black text looks on a background with the Hex color 009920.



This preview shows how white text looks on a background with the Hex color 009920.

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
009920

Protanopia
93831A

Deuteranopia
A37C2D



Tritanopia
3F8F9A

Trichromacy



Original Color
009920



Protanomaly
5E8B1C



Deuteranomaly
688728



Tritanomaly
28936E

Monochromacy



Original Color
009920



Achromatopsia
5D5D5D



Achromatomaly
3B7347

CSS Examples

Text

The CSS property to change the color of the text to Hex 009920 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 #009920 looks like.

```
.text, #text, p{  
    color:#009920  
}
```

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 #009920 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009920
}
```

Border

The CSS property to change the border of an element to Hex 009920 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
#009920 }
```

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

```
.border{ border-color:#009920 }
```

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

Here you see how a box with a 4 pixel #009920 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009920; -webkit-box-shadow:4px 4px  
4px 4px #009920; box-shadow:4px 4px 4px  
4px #009920 }
```

Background

The CSS property to change the background color of an element to Hex 009920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009920 }
```

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

```
.background{ background-color:#009920 }
```

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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