

Converting Colors

Hex(019820)

Have a look what the booklet for
Hex(019820) contains.

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Color

Hex(019820)

Conversions

Conversions Part 1

Format	Color
Hex	019820
RGB	1, 152, 32
RGB Percent	0%, 60%, 13%
CMY	0.9961, 0.4039, 0.8745
CMYK	0.99, 0.00, 0.79, 0.40
HSL	132°, 99%, 30%
HSV	132°, 99%, 60%
XYZ	11.5015, 22.5672, 5.1162
YIQ	93.1710, -51.4760, -69.3320

Conversions

Conversions Part 2

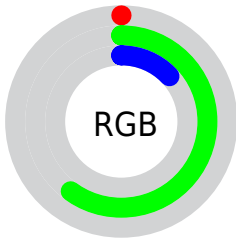
Format	Color
RYB	1, 126, 152
Decimal	104480
CIELab	54.62, -57.10, 49.59
CIElCh	55, 75.633, 139.025
Yxy	22.5672, 0.2935, 0.5759
Android (android.graphics.Color)	4278294560 (0xFF019820)
YUV	93.1710, -30.1573, -80.8340
Hunter-Lab	47.5050, -39.9169, 26.8680

Details

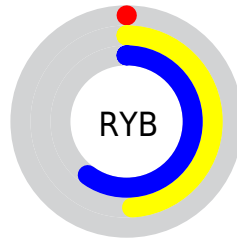
The Hex color **019820** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **980179**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **59D056**, and **006300** is the 20% darker color. If you saturate the color by 10%, you get **00981F**, and if you desaturate by 10%, it is **10982C**.

Distribution



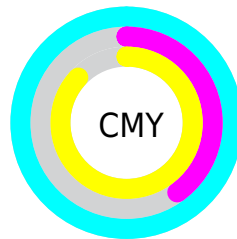
- Red (0%)
- Green (60%)
- Blue (13%)



- Red (0%)
- Yellow (49%)
- Blue (60%)



- Cyan (99%)
- Magenta (0%)
- Yellow (79%)
- Black (40%)





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

Brightness & Saturation Gradients

These gradients show how the Hex color 019820 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 019820 by changing the saturation by 10% instead.

 019820

 019820

FFFFFF

 007D00

 59D056

 006300

 77EC70

 004A00

 94FF8B

 003300

 B2FFA7


 001900


 D0FFC3

 000000

 EEFFDF

 FFFFCC

 019820

 019820

■ 00981F

■ 10982C

■ 1F9838

■ 2F9844

■ 3E9850

■ 4D985C

■ 5C9868

■ 6B9875

■ 7B9881

■ 8A988D

Harmonies

Analogous

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



778C00



019820



009E68

Triad

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



019820



0092FF



F3365C

Complementary

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



019820



980179

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.



EA379E



019820



397CFF

Square

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



019820



009CE5



B75BDA



DE581C

Rectangle

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



019820



009F95



B75BDA



F43072

Sweetspot

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



019820



89C496



7A9801



406347



E3E3E3



636363

Same Dimension

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



019820



00C428



01986B



454D46



008C1D



000D03

Inverse Universe

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



980179



C4009C



98012E



4D454B



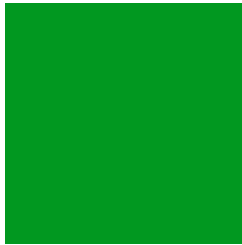
8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 019820 looks on a white background.

Color Contrast Check

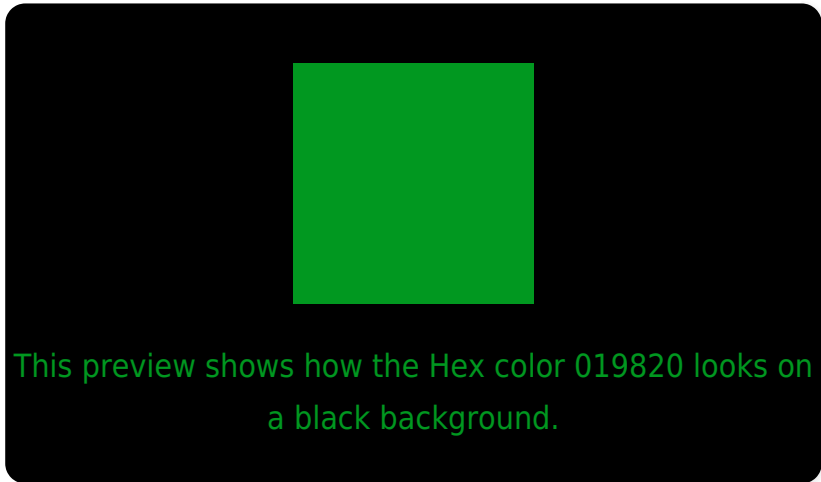
Large Text (above 18pt) WCAG AA ✓ Pass

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 019820 Background



This preview shows how black text looks on a background with the Hex color 019820.



This preview shows how white text looks on a background with the Hex color 019820.

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
019820

Protanopia
92821A

Deuteranopia
A27B2D



Tritanopia
3F8E99

Trichromacy



Original Color
019820



Protanomaly
5D8A1C



Deuteranomaly
678628



Tritanomaly
28926D

Monochromacy



Original Color
019820



Achromatopsia
5D5D5D



Achromatomaly
3C7247

CSS Examples

Text

The CSS property to change the color of the text to Hex 019820 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 #019820 looks like.

```
.text, #text, p{  
    color:#019820  
}
```

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 #019820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #019820
}
```

Border

The CSS property to change the border of an element to Hex 019820 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
#019820 }
```

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

```
.border{ border-color:#019820 }
```

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

Here you see how a box with a 4 pixel #019820 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #019820; -webkit-box-shadow:4px 4px  
4px 4px #019820; box-shadow:4px 4px 4px  
4px #019820 }
```

Background

The CSS property to change the background color of an element to Hex 019820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#019820 }
```

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

```
.background{ background-color:#019820 }
```

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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