

# Converting Colors

Hex(24CC19)

Have a look what the booklet for  
Hex(24CC19) contains.

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**Color**

**Hex(24CC19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24CC19
RGB	36, 204, 25
RGB Percent	14%, 80%, 10%
CMY	0.8588, 0.2000, 0.9020
CMYK	0.82, 0.00, 0.88, 0.20
HSL	116°, 78%, 45%
HSV	116°, 88%, 80%
XYZ	22.4959, 43.6310, 8.1557
YIQ	133.3620, -42.6690, -91.2850

# Conversions

## Conversions Part 2

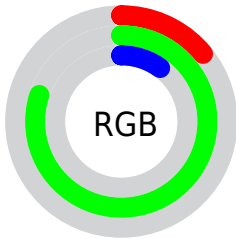
Format	Color
<a href="#">RYB</a>	<a href="#">25, 204, 193</a>
Decimal	<a href="#">2411545</a>
CIELab	<a href="#">71.98, -69.94, 67.38</a>
CIELCh	<a href="#">72, 97.123, 136.068</a>
Yxy	<a href="#">43.6310, 0.3028, 0.5874</a>
Android (android.graphics.Color)	<a href="#">4280601625 (0xFF24CC19)</a>
YUV	<a href="#">133.3620, -53.4225, -85.3865</a>
Hunter-Lab	<a href="#">66.0538, -54.8024, 38.9171</a>

# Details

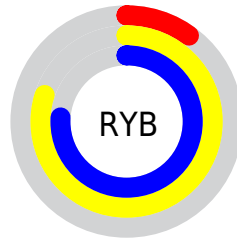
The Hex color **24CC19** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C119CC**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **73FF5A**, and **009400** is the 20% darker color. If you saturate the color by 10%, you get **11CC05**, and if you desaturate by 10%, it is **37CC2D**.

# Distribution



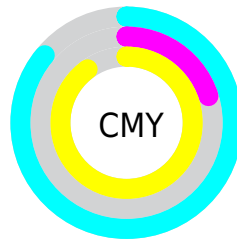
- Red (14%)
- Green (80%)
- Blue (10%)



- Red (10%)
- Yellow (80%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (88%)
- Black (20%)



- Cyan (86%)
- Magenta (20%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24CC19 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 24CC19 by changing the saturation by 10% instead.



 24CC19

 24CC19

FFFFFF

 00B000

 73FF5A

 009400

 93FF77

 007900

 B2FF93

 005F00

 D1FFAF

 004500

 F0FFCC

 002D00

 FFFFEA

 000D00

 000000

 24CC19

 24CC19

■ 11CC05

■ 37CC2D

■ 0DCC00

■ 4ACC42

■ 5DCC56

■ 71CC6B

■ 84CC7F

■ 97CC93

■ AACCA8

■ BDCCBC

■ D0CCD1

# Harmonies

## Analogous

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



A8BB00



24CC19



00D482

# Triad

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



24CC19



00C7FF



FF4085

# Complementary

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



24CC19



C119CC

# 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.



FF49DE



24CC19



00ABFF

# Square

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



24CC19



00D4FF



ED7EFF



FF712E

# Rectangle

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



24CC19



00D7C1



ED7EFF



FF39A2

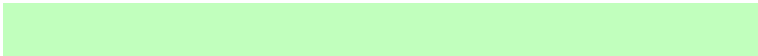


# Sweetspot

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



24CC19



C1FFBD



CCC019



5A8058



000000



808080



# Same Dimension

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



24CC19



10FF00



19CC67



5C665C



0AA600



022600



# Inverse Universe

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



C119CC



EF00FF



CC197E



655C66



9C00A6

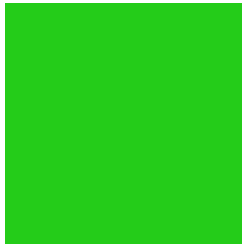


240026



# Previews

## White Background



This preview shows how the Hex color 24CC19 looks on a white background.

## Color Contrast Check

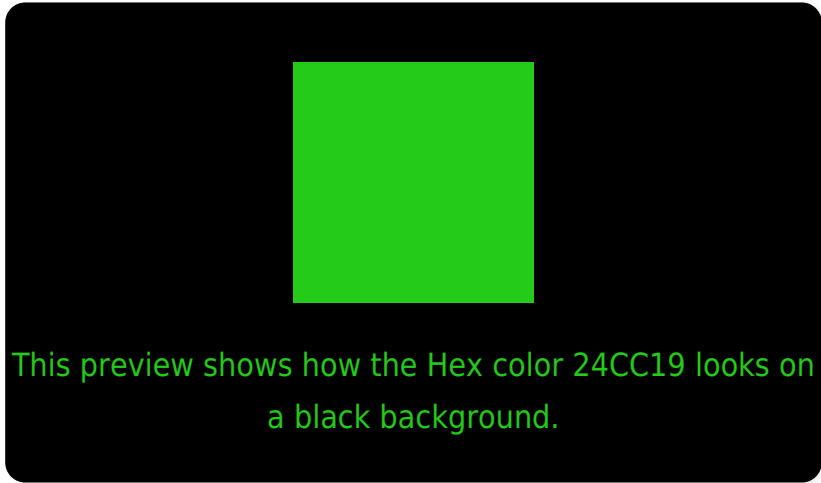
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 24CC19 Background



This preview shows how black text looks on a background with the Hex color 24CC19.



This preview shows how white text looks on a background with the Hex color 24CC19.

# 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](#).

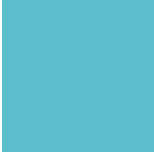
## Dichromacy



**Original Color**  
24CC19

**Protanopia**  
C5AF0E

**Deuteranopia**  
DBA632



# Trichromacy



**Original Color**  
24CC19



**Protanomaly**  
8ABA12



**Deuteranomaly**  
98B429



**Tritanomaly**  
47C38C

# Monochromacy



**Original Color**  
24CC19



**Achromatopsia**  
858585



**Achromatomaly**  
629F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24CC19 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 #24CC19 looks like.

```
.text, #text, p{  
    color:#24CC19  
}
```

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 #24CC19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24CC19
}
```

## Border

The CSS property to change the border of an element to Hex 24CC19 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
#24CC19 }
```

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

```
.border{ border-color:#24CC19 }
```

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

Here you see how a box with a 4 pixel #24CC19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24CC19; -webkit-box-shadow:4px 4px  
4px 4px #24CC19; box-shadow:4px 4px 4px  
4px #24CC19 }
```

# Background

The CSS property to change the background color of an element to Hex 24CC19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24CC19 }
```

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

```
.background{ background-color:#24CC19 }
```

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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