

# Converting Colors

Hex(3C19D0)

Have a look what the booklet for  
Hex(3C19D0) contains.

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# Color

**Hex(3C19D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C19D0
RGB	60, 25, 208
RGB Percent	24%, 10%, 82%
CMY	0.7647, 0.9020, 0.1843
CMYK	0.71, 0.88, 0.00, 0.18
HSL	251°, 79%, 46%
HSV	251°, 88%, 82%
XYZ	13.5963, 6.2100, 60.1566
YIQ	56.3270, -37.8830, 64.3330

# Conversions

## Conversions Part 2

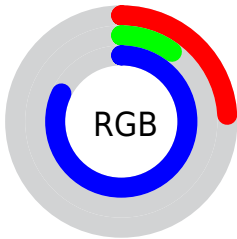
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 25, 208
Decimal	3938768
CIE <sub>Lab</sub>	29.94, 63.49, -84.91
CIE <sub>LCh</sub>	30, 106.025, 306.788
Yxy	6.2100, 0.1700, 0.0777
Android (android.graphics.Color)	4282128848 (0xFF3C19D0)
YUV	56.3270, 74.7748, 3.2212
Hunter-Lab	24.9198, 53.7799, -125.6823

# Details

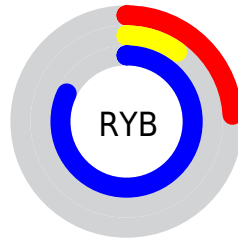
The Hex color **3C19D0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ADD019**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **824FFF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **2B04D0**, and if you desaturate by 10%, it is **4D2ED0**.

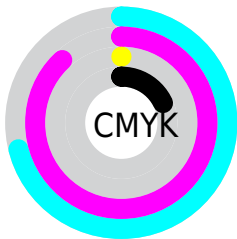
# Distribution



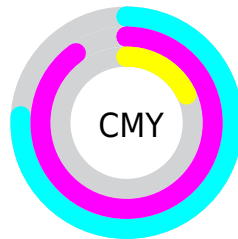
- Red (24%)
- Green (10%)
- Blue (82%)



- Red (24%)
- Yellow (10%)
- Blue (82%)



- Cyan (71%)
- Magenta (88%)
- Yellow (0%)
- Black (18%)



- Cyan (76%)
- Magenta (90%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C19D0 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 3C19D0 by changing the saturation by 10% instead.



 3C19D0

 3C19D0

FFFFFF

 0000B4

 824FFF

 000098

 A16AFF

 00007D

 C084FF

 000063

 DFA0FF

 00094A

 FFBCFF

 000432

 FFD8FF

 00021C

 FFF5FF

 000000

 3C19D0

 3C19D0

■ 2B04D0

■ 4D2ED0

■ 2800D0

■ 5E43D0

■ 6E57D0

■ 7F6CD0

■ 9081D0

■ A196D0

■ B2ABD0

■ C3BFD0

■ D3D4D0

# Harmonies

## Analogous

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



0051F3



3C19D0



AD008A

# Triad

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



3C19D0



882100



005F58

# Complementary

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



3C19D0



ADD019

# 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.



005D00



3C19D0



464B00

# Square

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



3C19D0



B50000



005800



0062AB

# Rectangle

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



3C19D0



C40054



005800



005F3B



# Sweetspot

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



3C19D0



C9BDFE



19AED0



605880



000000



808080



# Same Dimension

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



3C19D0



3100FF



9619D0



605E69



2000A8



080029



# Inverse Universe

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



D019AD



FF00CE



53D019



695E67



A80088

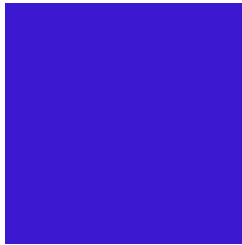


290021



# Previews

## White Background



This preview shows how the Hex color 3C19D0 looks on a white background.

## Color Contrast Check

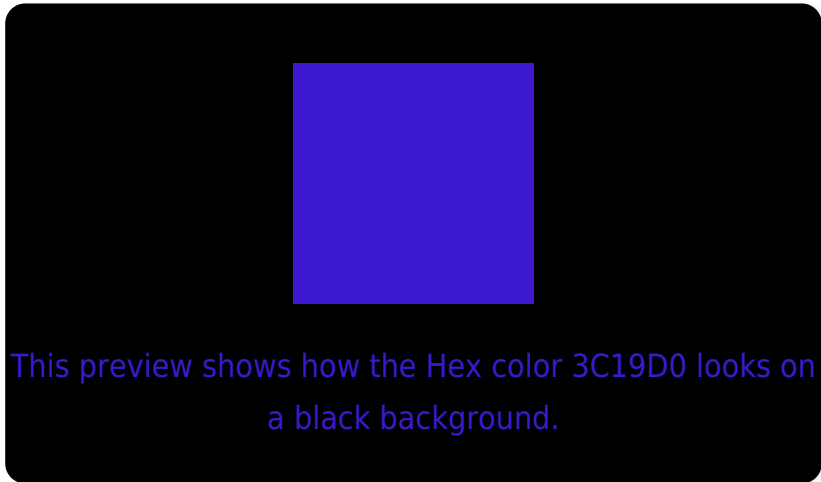
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

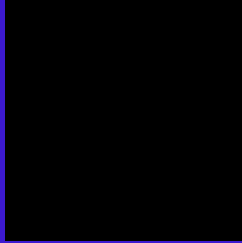
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C19D0 Background



This preview shows how black text looks on a background with the Hex color 3C19D0.



This preview shows how white text looks on a background with the Hex color 3C19D0.

# 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**  
3C19D0

**Protanopia**  
00448F

**Deuteranopia**  
00497A



**Tritanopia**  
004F53

# Trichromacy



**Original Color**  
3C19D0



**Protanomaly**  
1634A7



**Deuteranomaly**  
163899



**Tritanomaly**  
163B80

# Monochromacy



**Original Color**  
3C19D0



**Achromatopsia**  
383838



**Achromatomaly**  
392D6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C19D0 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 #3C19D0 looks like.

```
.text, #text, p{  
    color:#3C19D0  
}
```

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 #3C19D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C19D0
}
```

## Border

The CSS property to change the border of an element to Hex 3C19D0 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
#3C19D0 }
```

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

```
.border{ border-color:#3C19D0 }
```

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

Here you see how a box with a 4 pixel #3C19D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C19D0; -webkit-box-shadow:4px 4px  
4px 4px #3C19D0; box-shadow:4px 4px 4px  
4px #3C19D0 }
```

# Background

The CSS property to change the background color of an element to Hex 3C19D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C19D0 }
```

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

```
.background{ background-color:#3C19D0 }
```

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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