

Converting Colors

Hex(3019C0)

Have a look what the booklet for
Hex(3019C0) contains.

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Color

Hex(3019C0)

Conversions

Conversions Part 1

Format	Color
Hex	3019C0
RGB	48, 25, 192
RGB Percent	19%, 10%, 75%
CMY	0.8118, 0.9020, 0.2471
CMYK	0.75, 0.87, 0.00, 0.25
HSL	248°, 77%, 43%
HSV	248°, 87%, 75%
XYZ	11.0810, 5.1294, 50.2752
YIQ	50.9150, -39.8990, 56.8130

Conversions

Conversions Part 2

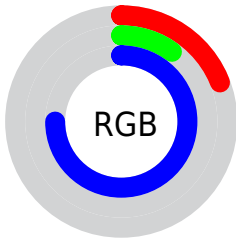
Format	Color
R_{YB}	48, 25, 192
Decimal	3152320
CIE _{Lab}	27.10, 58.48, -80.27
CIE _{LCh}	27, 99.316, 306.075
Yxy	5.1294, 0.1667, 0.0772
Android (android.graphics.Color)	4281342400 (0xFF3019C0)
YUV	50.9150, 69.5549, -2.5565
Hunter-Lab	22.6482, 47.6995, -115.7601

Details

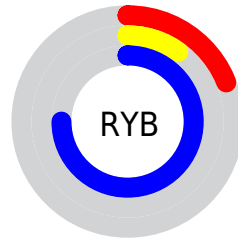
The Hex color **3019C0** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **A9C019**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **774DFA**, and **000089** is the 20% darker color. If you saturate the color by 10%, you get **1F06C0**, and if you desaturate by 10%, it is **412CC0**.

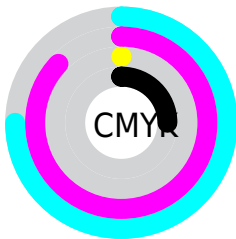
Distribution



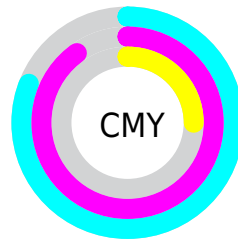
- Red (19%)
- Green (10%)
- Blue (75%)



- Red (19%)
- Yellow (10%)
- Blue (75%)



- Cyan (75%)
- Magenta (87%)
- Yellow (0%)
- Black (25%)



- Cyan (81%)
- Magenta (90%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3019C0 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 3019C0 by changing the saturation by 10% instead.

 3019C0

 3019C0

FFFFFF

 0000A4

 774DFA

 000089

 9667FF

 00006E

 B581FF

 000955

 D39CFF

 00063D

 F2B8FF

 000226

 FFD4FF

 00010F

 FFF1FF

 000000

 3019C0

 3019C0

■ 1F06C0

■ 412CC0

■ 1A00C0

■ 513FC0

■ 6253C0

■ 7266C0

■ 8379C0

■ 938CC0

■ A49FC0

■ B4B3C0

■ C5C6C0

Harmonies

Analogous

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



004BDF



3019C0



9E0080

Triad

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



3019C0



7D1B00



00574F

Complementary

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



3019C0



A9C019

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.



005500



3019C0



424300

Square

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



3019C0



A70000



005000



00599B

Rectangle

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



3019C0



B4004E



005000



005634

Sweetspot

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



3019C0



C2B9FA



19AAC0



5C567D



FCFCFC



7D7D7D

Same Dimension

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



3019C0



2200FA



8319C0



595761



1600A1



050021

Inverse Universe

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



C019A9



FA00D7



56C019



615760



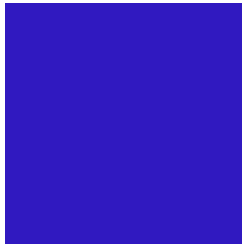
A1008B



21001D

Previews

White Background



This preview shows how the Hex color 3019C0 looks on a white background.

Color Contrast Check

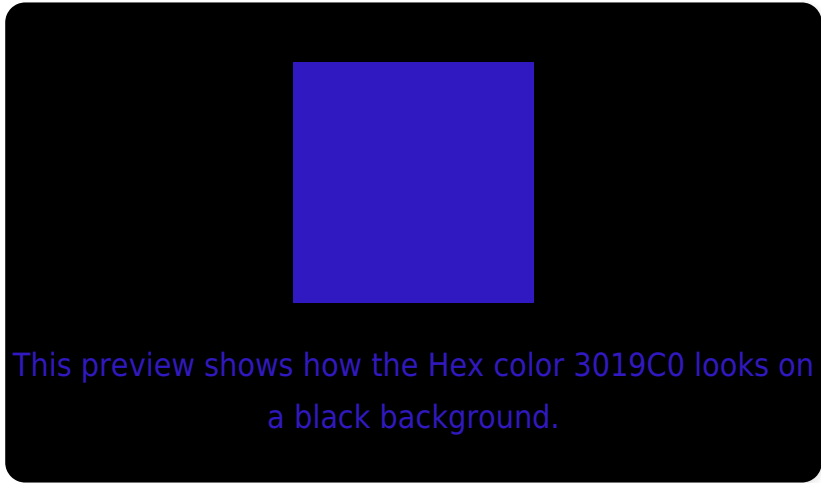
Large Text (above 18pt) WCAG AA ✓ Pass

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

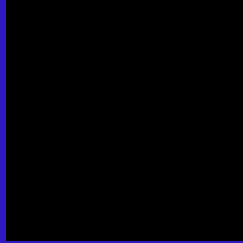
Any Text WCAG AA × Fail

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 3019C0 Background



This preview shows how black text looks on a background with the Hex color 3019C0.



This preview shows how white text looks on a background with the Hex color 3019C0.

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](#).

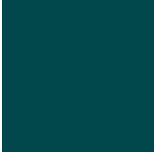
Dichromacy



Original Color
3019C0

Protanopia
003E83

Deuteranopia
00426F



Tritanopia
00484B

Trichromacy



Original Color
3019C0

Protanomaly
113199

Deuteranomaly
11338C

Tritanomaly
113776

Monochromacy



Original Color
3019C0

Achromatopsia
333333

Achromatomaly
322A66

CSS Examples

Text

The CSS property to change the color of the text to Hex 3019C0 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 #3019C0 looks like.

```
.text, #text, p{  
    color:#3019C0  
}
```

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 #3019C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3019C0
}
```

Border

The CSS property to change the border of an element to Hex 3019C0 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
#3019C0 }
```

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

```
.border{ border-color:#3019C0 }
```

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

Here you see how a box with a 4 pixel #3019C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3019C0; -webkit-box-shadow:4px 4px  
4px 4px #3019C0; box-shadow:4px 4px 4px  
4px #3019C0 }
```

Background

The CSS property to change the background color of an element to Hex 3019C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3019C0 }
```

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

```
.background{ background-color:#3019C0 }
```

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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