

Converting Colors

Hex(3201CF)

Have a look what the booklet for
Hex(3201CF) contains.

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Color

Hex(3201CF)

Conversions

Conversions Part 1

Format	Color
Hex	3201CF
RGB	50, 1, 207
RGB Percent	20%, 0%, 81%
CMY	0.8039, 0.9961, 0.1882
CMYK	0.76, 1.00, 0.00, 0.19
HSL	254°, 99%, 41%
HSV	254°, 100%, 81%
XYZ	12.5887, 5.2048, 59.3726
YIQ	39.1350, -36.9220, 74.4540

Conversions

Conversions Part 2

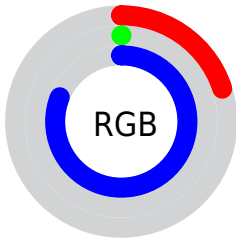
Format	Color
RYB	50, 1, 207
Decimal	3277263
CIELab	27.31, 68.19, -88.72
CIELCh	27, 111.897, 307.544
Yxy	5.2048, 0.1631, 0.0674
Android (android.graphics.Color)	4281467343 (0xFF3201CF)
YUV	39.1350, 82.7574, 9.5286
Hunter-Lab	22.8141, 58.5712, -138.3299

Details

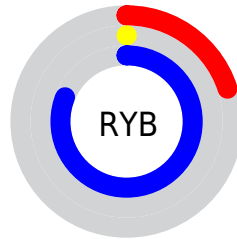
The Hex color **3201CF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **9ECF01**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7C43FF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **3100CF**, and if you desaturate by 10%, it is **4216CF**.

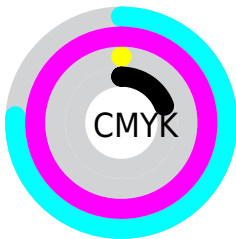
Distribution



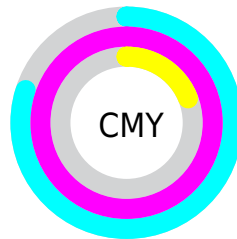
- Red (20%)
- Green (0%)
- Blue (81%)



- Red (20%)
- Yellow (0%)
- Blue (81%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (80%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3201CF 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 3201CF by changing the saturation by 10% instead.

 3201CF

 3201CF

FFFFFF

 0000B3

 7C43FF

 000097

 9C5EFF

 00007C

 BC79FF

 000562

 DB94FF

 000949

 FBB0FF

 000431

 FFCDFD

 00011B

 FFEAFF

 000000

 3201CF

 3201CF

■ 3100CF

■ 4216CF

■ 522ACF

■ 613FCF

■ 7154CF

■ 8169CF

■ 917DCF

■ A092CF

■ B0A7CF

■ C0BBCF

Harmonies

Analogous

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



004DF5



3201CF



AC0084

Triad

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



3201CF



801700



005956

Complementary

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



3201CF



9ECF01

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.



005700



3201CF



3C4500

Square

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



3201CF



B00000



005200



005CAB

Rectangle

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



3201CF



C2004C



005200



005837

Sweetspot

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



3201CF



C5B3FF



019FCF



5D5280



000000



808080

Same Dimension

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



3201CF



3D00FF



9801CF



615E69



2800A8



0A0029

Inverse Universe

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



CF019E



FF00C2



38CF01



695E66



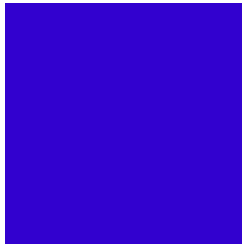
A80080



29001F

Previews

White Background



This preview shows how the Hex color 3201CF looks on a white background.

Color Contrast Check

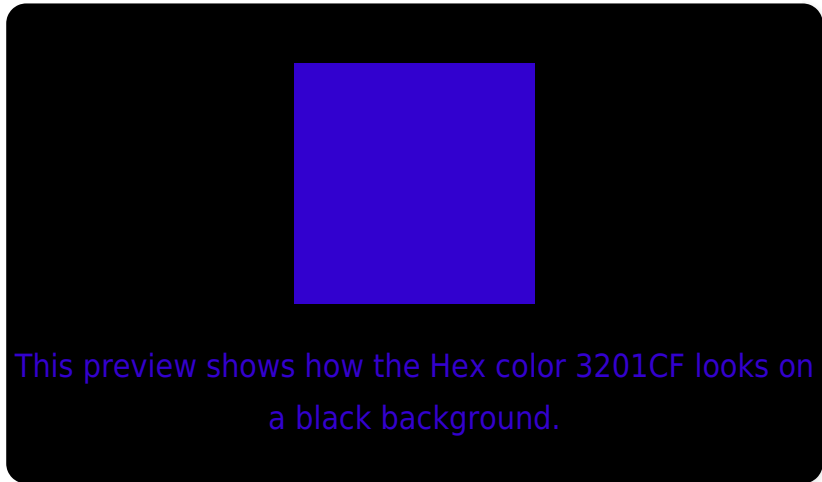
Large Text (above 18pt) WCAG AA ✓ Pass

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

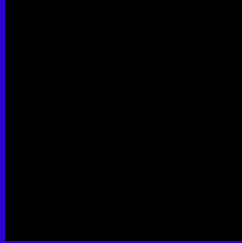
Any Text WCAG AA × Fail

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 3201CF Background



This preview shows how black text looks on a background with the Hex color 3201CF.



This preview shows how white text looks on a background with the Hex color 3201CF.

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
3201CF

Protanopia
004086

Deuteranopia
004472



Tritanopia
004A4E

Trichromacy



Original Color
3201CF

Protanomaly
1229A1

Deuteranomaly
122C94

Tritanomaly
122F7D

Monochromacy



Original Color
3201CF

Achromatopsia
272727

Achromatomaly
2B1964

CSS Examples

Text

The CSS property to change the color of the text to Hex 3201CF 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 #3201CF looks like.

```
.text, #text, p{  
    color:#3201CF  
}
```

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 #3201CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3201CF
}
```

Border

The CSS property to change the border of an element to Hex 3201CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

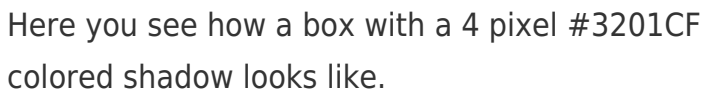
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3201CF }
```

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

```
.border{ border-color:#3201CF }
```

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



Here you see how a box with a 4 pixel #3201CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3201CF; -webkit-box-shadow:4px 4px  
4px 4px #3201CF; box-shadow:4px 4px 4px  
4px #3201CF }
```

Background

The CSS property to change the background color of an element to Hex 3201CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3201CF }
```

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

```
.background{ background-color:#3201CF }
```

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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