

Converting Colors

Hex(0031CC)

Have a look what the booklet for
Hex(0031CC) contains.

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Color

Hex(0031CC)

Conversions

Conversions Part 1

Format	Color
Hex	0031CC
RGB	0, 49, 204
RGB Percent	0%, 19%, 80%
CMY	1.0000, 0.8078, 0.2000
CMYK	1.00, 0.76, 0.00, 0.20
HSL	226°, 100%, 40%
HSV	226°, 100%, 80%
XYZ	11.9974, 6.5563, 57.7599
YIQ	52.0190, -78.9590, 37.8170

Conversions

Conversions Part 2

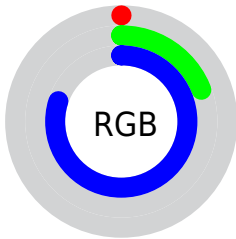
Format	Color
R _{YB}	0, 40, 204
Decimal	12748
CIE Lab	30.77, 49.20, -81.26
CIE LCh	31, 94.991, 301.195
Yxy	6.5563, 0.1572, 0.0859
Android (android.graphics.Color)	4278202828 (0xFF0031CC)
YUV	52.0190, 74.9266, -45.6207
Hunter-Lab	25.6052, 38.8277, -115.8221

Details

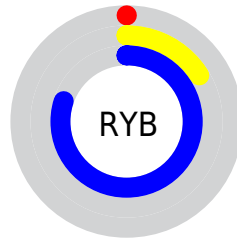
The Hex color **0031CC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CC9B00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6761FF**, and **000694** is the 20% darker color. If you saturate the color by 10%, you get **0031CC**, and if you desaturate by 10%, it is **1441CC**.

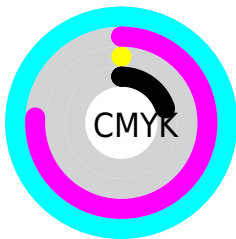
Distribution



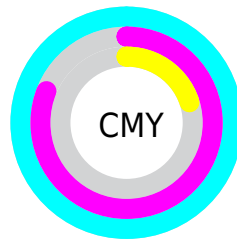
- Red (0%)
- Green (19%)
- Blue (80%)



- Red (0%)
- Yellow (16%)
- Blue (80%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (81%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0031CC 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 0031CC by changing the saturation by 10% instead.

 0031CC

 0031CC

FFFFFF

 001BB0

 6761FF

 000694

 887AFF

 00007A

 A894FF

 00085F

 C7AFFF

 000847

 E6CBFF

 00042F

 FFE7FF

 00011A

 000000

 0031CC

 1441CC

 2950CC

 3D60CC

 526FCC

 667FCC

 7A8ECC

 8F9ECC

 A3ADCC

 B8BDCC

Harmonies

Analogous

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



0055E3



0031CC



9C0092

Triad

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



0031CC



8E1C00



00604A

Complementary

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



0031CC



CC9B00

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.



005E00



0031CC



574800

Square

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



0031CC



B40000



005800



006295

Rectangle

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



0031CC



B70062



005800



005F2F

Sweetspot

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



0031CC



B3C5FF



00CC99



525D80



000000



808080

Same Dimension

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



0031CC



003DFF



3300CC



5C5E66



0028A6



000926

Inverse Universe

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



CC0031



FF003D



99CC00



665C5E



A60028



260009

Previews

White Background



This preview shows how the Hex color 0031CC looks on a white background.

Color Contrast Check

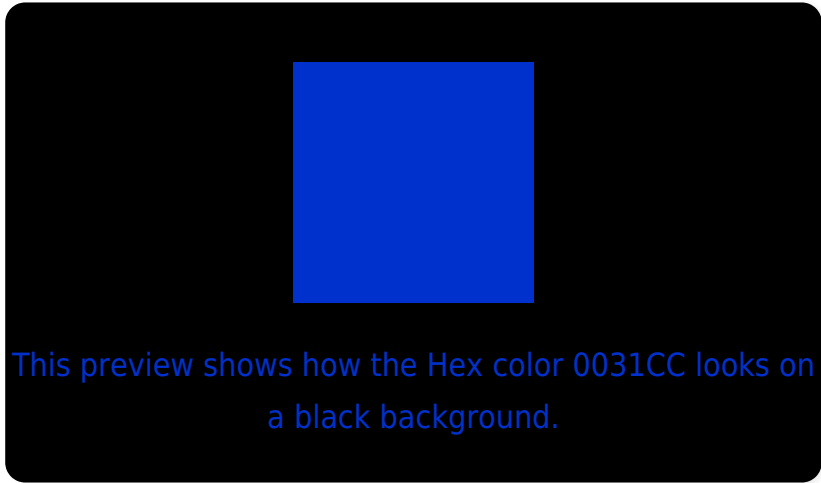
Large Text (above 18pt) WCAG AA ✓ Pass

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

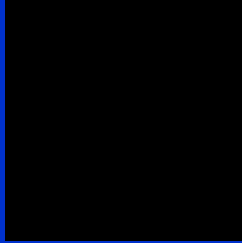
Any Text WCAG AA × Fail

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 0031CC Background



This preview shows how black text looks on a background with the Hex color 0031CC.



This preview shows how white text looks on a background with the Hex color 0031CC.

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



Trichromacy



Original Color
0031CC

Protanomaly
003EA8

Deuteranomaly
00429A

Tritanomaly
004580

Monochromacy



Original Color
0031CC

Achromatopsia
343434

Achromatomaly
21336B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0031CC 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 #0031CC looks like.

```
.text, #text, p{  
    color:#0031CC  
}
```

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 #0031CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0031CC }  
}
```

Border

The CSS property to change the border of an element to Hex 0031CC 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 #0031CC }  
}
```

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

```
.border{ border-color:#0031CC }
```

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

Here you see how a box with a 4 pixel #0031CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0031CC; -webkit-box-shadow:4px 4px  
4px 4px #0031CC; box-shadow:4px 4px 4px  
4px #0031CC }
```

Background

The CSS property to change the background color of an element to Hex 0031CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0031CC }
```

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

```
.background{ background-color:#0031CC }
```

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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