

Converting Colors

Hex(0030C5)

Have a look what the booklet for
Hex(0030C5) contains.

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Color

Hex(0030C5)

Conversions

Conversions Part 1

Format	Color
Hex	0030C5
RGB	0, 48, 197
RGB Percent	0%, 19%, 77%
CMY	1.0000, 0.8118, 0.2275
CMYK	1.00, 0.76, 0.00, 0.23
HSL	225°, 100%, 39%
HSV	225°, 100%, 77%
XYZ	11.1350, 6.1451, 53.4226
YIQ	50.6340, -76.4370, 36.1630

Conversions

Conversions Part 2

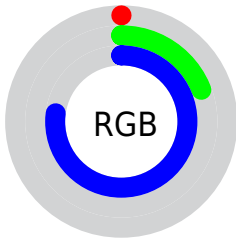
Format	Color
RYB	0, 39, 197
Decimal	12485
CIELab	29.78, 47.35, -78.82
CIELCh	30, 91.947, 300.993
Yxy	6.1451, 0.1575, 0.0869
Android (android.graphics.Color)	4278202565 (0xFF0030C5)
YUV	50.6340, 72.1584, -44.4060
Hunter-Lab	24.7894, 36.7981, -110.4210

Details

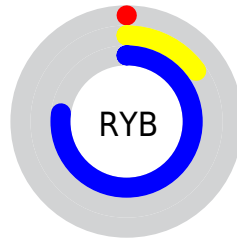
The Hex color **0030C5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C59500**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **655FFF**, and **00068E** is the 20% darker color. If you saturate the color by 10%, you get **0030C5**, and if you desaturate by 10%, it is **143FC5**.

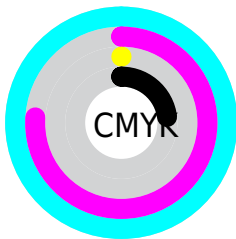
Distribution



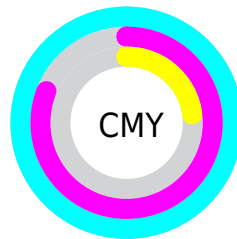
- Red (0%)
- Green (19%)
- Blue (77%)



- Red (0%)
- Yellow (15%)
- Blue (77%)



- Cyan (100%)
- Magenta (76%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (81%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0030C5 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 0030C5 by changing the saturation by 10% instead.

 0030C5

 0030C5

FFFFFF

 001AA9

 655FFF

 00068E

 8678FF

 000073

 A593FF

 000A59

 C4ADFF

 000741

 E3C9FF

 00032A

 FFE5FF

 000114

 000000

 0030C5

 143FC5

 274EC5

 3B5DC5

 4F6CC5

 637BC5

 7689C5

 8A98C5

 9EA7C5

 B1B6C5

Harmonies

Analogous

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



0053DB



0030C5



96008D

Triad

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



0030C5



8A1B00



005D47

Complementary

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



0030C5



C59500

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.



005B00



0030C5



554500

Square

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



0030C5



AE0000



005500



005F90

Rectangle

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



0030C5



B1005F



005500



005C2D

Sweetspot

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



0030C5



B3C5FF



00C594



525D80



000000



808080

Same Dimension

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



0030C5



003EFF



3100C5



5A5C63



0028A3



000924

Inverse Universe

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



C50030



FF003E



94C500



635A5C



A30028



240009

Previews

White Background



This preview shows how the Hex color 0030C5 looks on a white background.

Color Contrast Check

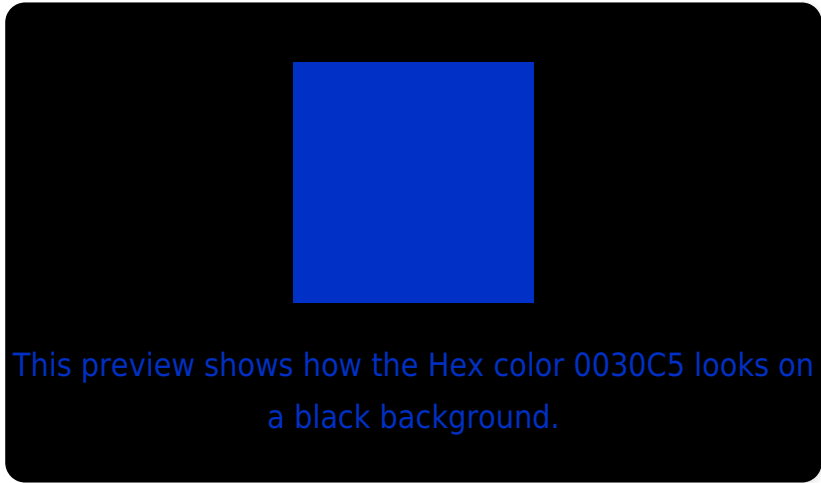
Large Text (above 18pt) WCAG AA ✓ Pass

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

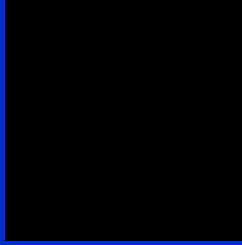
Any Text WCAG AA × Fail

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 0030C5 Background



This preview shows how black text looks on a background with the Hex color 0030C5.



This preview shows how white text looks on a background with the Hex color 0030C5.

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
0030C5

Protanopia
00448F

Deuteranopia
004979



Tritanopia
004E52

Trichromacy



Original Color
0030C5

Protanomaly
003DA3

Deuteranomaly
004095

Tritanomaly
00437C

Monochromacy



Original Color
0030C5

Achromatopsia
333333

Achromatomaly
203268

CSS Examples

Text

The CSS property to change the color of the text to Hex 0030C5 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 #0030C5 looks like.

```
.text, #text, p{  
    color:#0030C5  
}
```

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 #0030C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0030C5
}
```

Border

The CSS property to change the border of an element to Hex 0030C5 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
#0030C5 }
```

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

```
.border{ border-color:#0030C5 }
```

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

Here you see how a box with a 4 pixel #0030C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0030C5; -webkit-box-shadow:4px 4px  
4px 4px #0030C5; box-shadow:4px 4px 4px  
4px #0030C5 }
```

Background

The CSS property to change the background color of an element to Hex 0030C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0030C5 }
```

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

```
.background{ background-color:#0030C5 }
```

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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