

# Converting Colors

Hex(0035CC)

Have a look what the booklet for  
Hex(0035CC) contains.

<b>Hex(0035CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(0035CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0035CC
RGB	0, 53, 204
RGB Percent	0%, 21%, 80%
CMY	1.0000, 0.7922, 0.2000
CMYK	1.00, 0.74, 0.00, 0.20
HSL	224°, 100%, 40%
HSV	224°, 100%, 80%
XYZ	12.1722, 6.9058, 57.8182
YIQ	54.3670, -80.0590, 35.7250

# Conversions

## Conversions Part 2

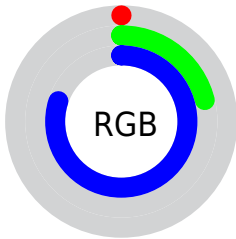
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 42, 204
Decimal	13772
CIELab	31.59, 46.89, -79.90
CIELCh	32, 92.645, 300.407
Yxy	6.9058, 0.1583, 0.0898
Android (android.graphics.Color)	4278203852 (0xFF0035CC)
YUV	54.3670, 73.7691, -47.6799
Hunter-Lab	26.2790, 36.6915, -112.0527

# Details

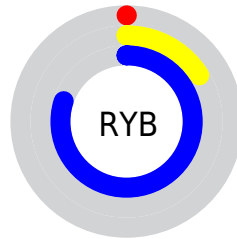
The Hex color **0035CC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **CC9700**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6765FF**, and **000B94** is the 20% darker color. If you saturate the color by 10%, you get **0035CC**, and if you desaturate by 10%, it is **1444CC**.

# Distribution



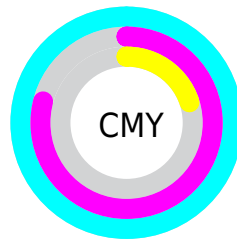
- Red (0%)
- Green (21%)
- Blue (80%)



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



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (79%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0035CC 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 0035CC by changing the saturation by 10% instead.



 0035CC

 0035CC

FFFFFF

 001FB0

 6765FF

 000B94

 887EFF

 00007A

 A798FF

 000760

 C6B3FF

 000847

 E5CFFF

 00042F

 FFE8FF

 00011A

 000000

 0035CC

 1444CC

 2953CC

 3D62CC

 5271CC

 6681CC

 7A90CC

 8F9FCC

 A3AECC

 B8BDCC

# Harmonies

## Analogous

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



0057E1



0035CC



9B0094

# Triad

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



0035CC



911E00



00624A

# Complementary

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



0035CC



CC9700

# 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.



005F00



0035CC



5B4900

# Square

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



0035CC



B50004



005900



006494

# Rectangle

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



0035CC



B70065



005900



006130



# Sweetspot

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



0035CC



B3C6FF



00CC96



525E80



000000



808080



# Same Dimension

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



0035CC



0042FF



3000CC



5C5E66



002BA6



000A26



# Inverse Universe

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



CC0035



FF0042



9CCC00



665C5E



A6002B



26000A



# Previews

## White Background



This preview shows how the Hex color 0035CC looks on a white background.

## Color Contrast Check

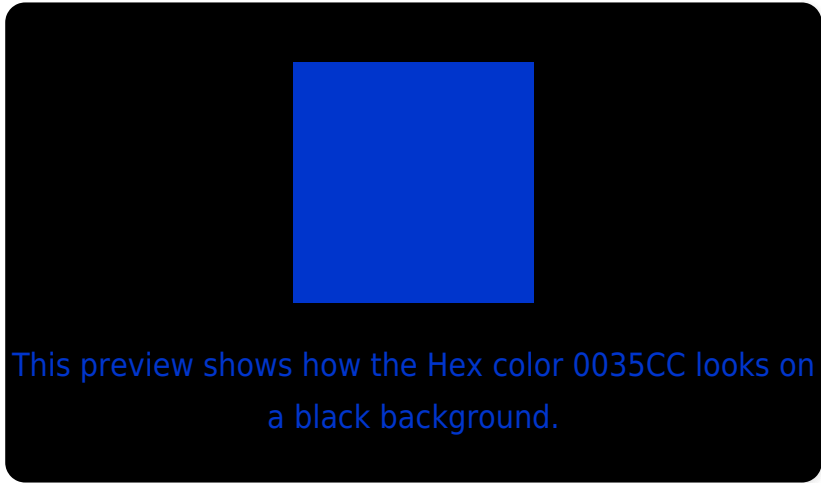
Large Text (above 18pt) WCAG AA ✓ Pass

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

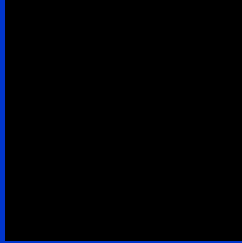
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0035CC Background



This preview shows how black text looks on a background with the Hex color 0035CC.



This preview shows how white text looks on a background with the Hex color 0035CC.

# 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**  
0035CC

**Protanomaly**  
0041AA

**Deuteranomaly**  
00449C

**Tritanomaly**  
004882

# Monochromacy



**Original Color**  
0035CC

**Achromatopsia**  
363636

**Achromatomaly**  
22366D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0035CC 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 #0035CC looks like.

```
.text, #text, p{  
    color:#0035CC  
}
```

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 #0035CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0035CC
}
```

## Border

The CSS property to change the border of an element to Hex 0035CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

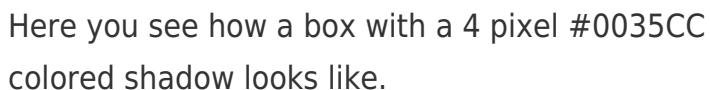
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0035CC }
```

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

```
.border{ border-color:#0035CC }
```

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



Here you see how a box with a 4 pixel #0035CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0035CC; -webkit-box-shadow:4px 4px  
4px 4px #0035CC; box-shadow:4px 4px 4px  
4px #0035CC }
```

# Background

The CSS property to change the background color of an element to Hex 0035CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0035CC }
```

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

```
.background{ background-color:#0035CC }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor