

Converting Colors

Hex(005FCD)

Have a look what the booklet for
Hex(005FCD) contains.

Hex(005FCD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(005FCD)

Conversions

Conversions Part 1

Format	Color
Hex	005FCD
RGB	0, 95, 205
RGB Percent	0%, 37%, 80%
CMY	1.0000, 0.6275, 0.1961
CMYK	1.00, 0.54, 0.00, 0.20
HSL	212°, 100%, 40%
HSV	212°, 100%, 80%
XYZ	15.1117, 12.5922, 59.3917
YIQ	79.1350, -91.9300, 14.0700

Conversions

Conversions Part 2

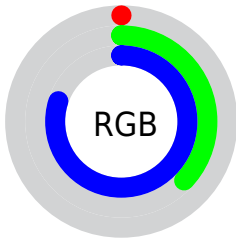
Format	Color
R _{YB}	0, 65, 205
Decimal	24525
CIE _{Lab}	42.14, 20.26, -63.17
CIE _{LCh}	42, 66.336, 287.780
Y _{xy}	12.5922, 0.1735, 0.1446
Android (android.graphics.Color)	4278214605 (0xFF005FCD)
Y _{UV}	79.1350, 62.0514, -69.4014
Hunter-Lab	35.4855, 13.9154, -74.3932

Details

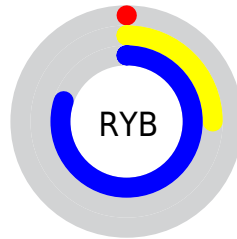
The Hex color **005FCD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CD6E00**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6391FF**, and **003296** is the 20% darker color. If you saturate the color by 10%, you get **005FCD**, and if you desaturate by 10%, it is **146ACD**.

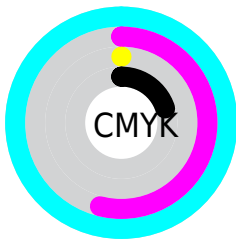
Distribution



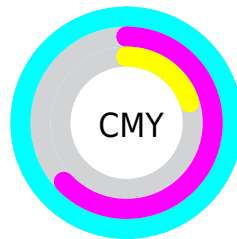
- Red (0%)
- Green (37%)
- Blue (80%)



- Red (0%)
- Yellow (25%)
- Blue (80%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005FCD 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 005FCD by changing the saturation by 10% instead.

 005FCD

 005FCD

FFFFFF

 0048B1

 6391FF

 003296

 84ABFF

 001F7B

 A3C6FF

 000762

 C1E2FF

 000949

 E0FEFF

 000431

 00011B

 000000

 005FCD

 146ACD

 2975CD

 3E80CD

 528BCD

 6796CD

 7BA1CD

 90ACCD

 A4B7CD

 B9C2CD

Harmonies

Analogous

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



0071CF



005FCD



8C42AE

Triad

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



005FCD



AF3E0E



00794A

Complementary

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



005FCD



CD6E00

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.



007509



005FCD



8C5900

Square

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



005FCD



C11C46



5B6B00



007B83

Rectangle

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



005FCD



AE2A8E



5B6B00



007837

Sweetspot

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



005FCD



B3D6FF



00CD6D



526780



000000



808080

Same Dimension

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



005FCD



0076FF



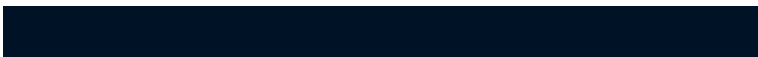
0700CD



5C6166



004DA6



001226

Inverse Universe

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



CD005F



FF0076



C6CD00



665C61



A6004D



260012

Previews

White Background



This preview shows how the Hex color 005FCD looks on a white background.

Color Contrast Check

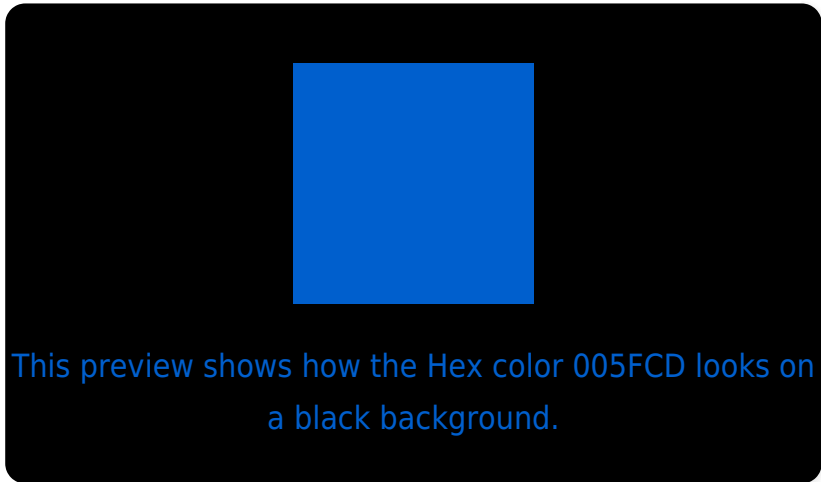
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

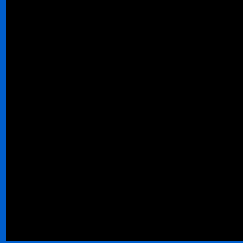
Any Text WCAG AA × Fail

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 005FCD Background



This preview shows how black text looks on a background with the Hex color 005FCD.



This preview shows how white text looks on a background with the Hex color 005FCD.

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
005FCD

Protanopia
005FCB

Deuteranopia
0066AF

Trichromacy



Original Color
005FCD

Protanomaly
005FCC

Deuteranomaly
0063BA

Monochromacy



Original Color
005FCD

Achromatopsia
4F4F4F

Achromatomaly
32557D

CSS Examples

Text

The CSS property to change the color of the text to Hex 005FCD 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 #005FCD looks like.

```
.text, #text, p{  
    color:#005FCD  
}
```

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 #005FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005FCD
}
```

Border

The CSS property to change the border of an element to Hex 005FCD 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
#005FCD }
```

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

```
.border{ border-color:#005FCD }
```

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

Here you see how a box with a 4 pixel #005FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005FCD; -webkit-box-shadow:4px 4px  
4px 4px #005FCD; box-shadow:4px 4px 4px  
4px #005FCD }
```

Background

The CSS property to change the background color of an element to Hex 005FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005FCD }
```

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

```
.background{ background-color:#005FCD }
```

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