

Converting Colors

Hex(005CD5)

Have a look what the booklet for
Hex(005CD5) contains.

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Color

Hex(005CD5)

Conversions

Conversions Part 1

Format	Color
Hex	005CD5
RGB	0, 92, 213
RGB Percent	0%, 36%, 84%
CMY	1.0000, 0.6392, 0.1647
CMYK	1.00, 0.57, 0.00, 0.16
HSL	214°, 100%, 42%
HSV	214°, 100%, 84%
XYZ	15.8374, 12.4584, 64.5208
YIQ	78.2860, -93.6730, 18.1270

Conversions

Conversions Part 2

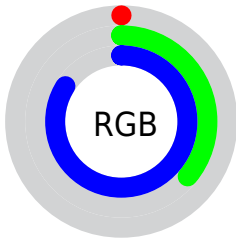
Format	Color
RYB	0, 64, 213
Decimal	23765
CIELab	41.94, 25.42, -68.10
CIELCh	42, 72.687, 290.467
Yxy	12.4584, 0.1706, 0.1342
Android (android.graphics.Color)	4278213845 (0xFF005CD5)
YUV	78.2860, 66.4140, -68.6568
Hunter-Lab	35.2964, 18.3235, -83.6727

Details

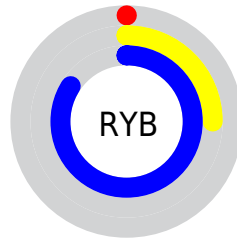
The Hex color **005CD5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D57900**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **668DFF**, and **00309D** is the 20% darker color. If you saturate the color by 10%, you get **005CD5**, and if you desaturate by 10%, it is **1568D5**.

Distribution



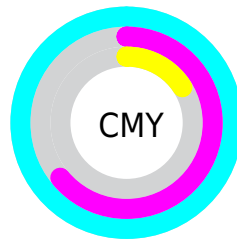
- Red (0%)
- Green (36%)
- Blue (84%)



- Red (0%)
- Yellow (25%)
- Blue (84%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (64%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 005CD5 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 005CD5 by changing the saturation by 10% instead.

 005CD5

 005CD5

FFFFFF

 0045B9

 668DFF

 00309D

 87A8FF

 001D82

 A6C3FF

 000568

 C5DEFF

 000A4F

 E4FBFF

 000537

 000221

 000006

 000000

 005CD5

 1568D5

 2B74D5

 4080D5

 558CD5

 6B99D5

 80A5D5

 95B1D5

 AABDD5

 C0C9D5

Harmonies

Analogous

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



0070DB



005CD5



9539B0

Triad

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



005CD5



B13B00



007A4D

Complementary

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



005CD5



D57900

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.



007600



005CD5



895A00

Square

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



005CD5



C7003E



526C00



007C8B

Rectangle

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



005CD5



B7148C



526C00



007938

Sweetspot

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



005CD5



B3D4FF



00D579



526580



000000



808080

Same Dimension

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



005CD5



006EFF



0E00D5



60656B



004AAB



00132B

Inverse Universe

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



D5005C



FF006E



C7D500



6B6065



AB004A



2B0013

Previews

White Background



This preview shows how the Hex color 005CD5 looks on a white background.

Color Contrast Check

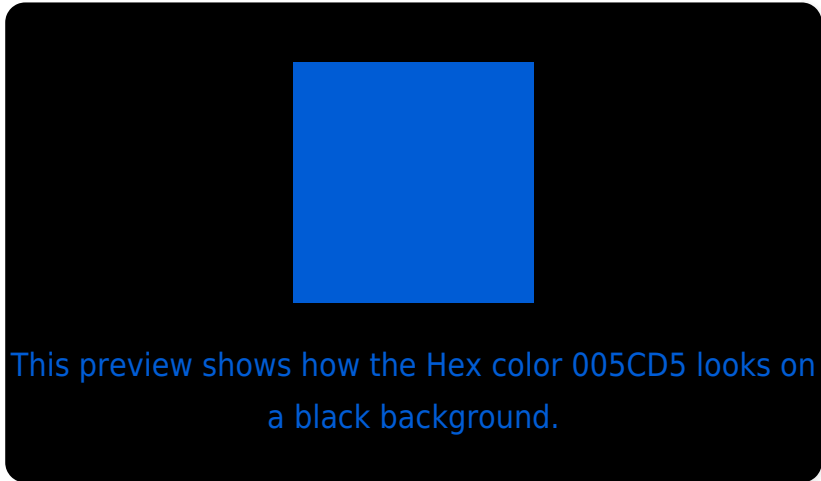
Large Text (above 18pt) WCAG AA ✓ Pass

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

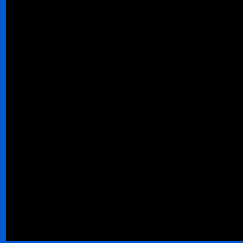
Any Text WCAG AA × Fail

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 005CD5 Background



This preview shows how black text looks on a background with the Hex color 005CD5.



This preview shows how white text looks on a background with the Hex color 005CD5.

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
005CD5

Protanopia
005FCA

Deuteranopia
0065AD



Tritanopia
006E74

Trichromacy



Original Color
005CD5

Protanomaly
005ECE

Deuteranomaly
0062BC

Tritanomaly
006797

Monochromacy



Original Color
005CD5

Achromatopsia
4E4E4E

Achromatomaly
32537F

CSS Examples

Text

The CSS property to change the color of the text to Hex 005CD5 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 #005CD5 looks like.

```
.text, #text, p{  
    color:#005CD5  
}
```

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 #005CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005CD5
}
```

Border

The CSS property to change the border of an element to Hex 005CD5 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
#005CD5 }
```

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

```
.border{ border-color:#005CD5 }
```

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

Here you see how a box with a 4 pixel #005CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005CD5; -webkit-box-shadow:4px 4px  
4px 4px #005CD5; box-shadow:4px 4px 4px  
4px #005CD5 }
```

Background

The CSS property to change the background color of an element to Hex 005CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005CD5 }
```

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

```
.background{ background-color:#005CD5 }
```

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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