

Converting Colors

Hex(0000D5)

Have a look what the booklet for
Hex(0000D5) contains.

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Color

Hex(0000D5)

Conversions

Conversions Part 1

Format	Color
Hex	0000D5
RGB	0, 0, 213
RGB Percent	0%, 0%, 84%
CMY	1.0000, 1.0000, 0.1647
CMYK	1.00, 1.00, 0.00, 0.16
HSL	240°, 100%, 42%
HSV	240°, 100%, 84%
XYZ	12.0102, 4.8041, 63.2451
YIQ	24.2820, -68.3730, 66.2430

Conversions

Conversions Part 2

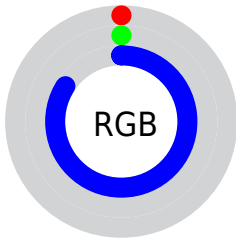
Format	Color
RYB	0, 0, 213
Decimal	213
CIELab	26.17, 69.14, -94.17
CIELCh	26, 116.824, 306.287
Yxy	4.8041, 0.1500, 0.0600
Android (android.graphics.Color)	4278190293 (0xFF0000D5)
YUV	24.2820, 93.0380, -21.2953
Hunter-Lab	21.9182, 59.4532, -155.7384

Details

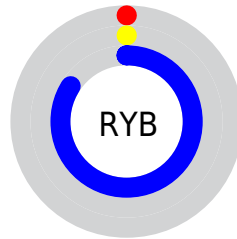
The Hex color **0000D5** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D5D500**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **6D41FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **0000D5**, and if you desaturate by 10%, it is **1515D5**.

Distribution



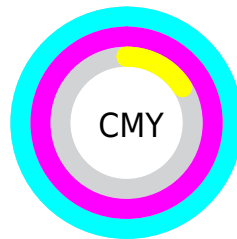
- Red (0%)
- Green (0%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0000D5 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 0000D5 by changing the saturation by 10% instead.

 0000D5

 0000D5

FFFFFF

 0000B8

 6D41FF

 00009C

 8F5BFF

 000081

 B076FF

 000A67

 D091FF

 000A4E

 F0ADFF

 000536

 FFC9FF


 000220

 FFE6FF

 000003

 000000

 0000D5

 1515D5

 2B2BD5

 4040D5

 5555D5

 6B6BD5

 8080D5

 9595D5

 AAAAD5

 C0C0D5

Harmonies

Analogous

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



004DFB



0000D5



AA0088

Triad

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



0000D5



810600



005650

Complementary

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



0000D5



D5D500

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.



005400



0000D5



3C4200

Square

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



0000D5



B20000



005000



005AAA

Rectangle

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



0000D5



C3004E



005000



005530

Sweetspot

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



0000D5



B3B3FF



00D5D5



525280



000000



808080

Same Dimension

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



0000D5



0000FF



6B00D5



60606B



0000AB



00002B

Inverse Universe

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



D500D5



FF00FF



6BD500



6B606B



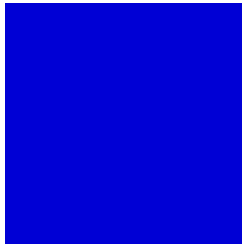
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 0000D5 looks on a white background.

Color Contrast Check

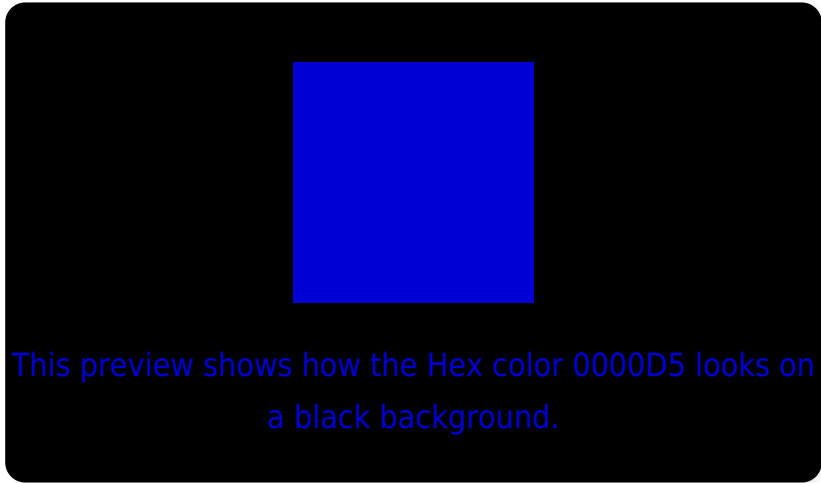
Large Text (above 18pt) WCAG AA ✓ Pass

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

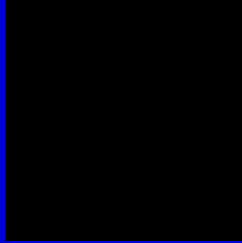
Any Text WCAG AA × Fail

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 0000D5 Background



This preview shows how black text looks on a background with the Hex color 0000D5.



This preview shows how white text looks on a background with the Hex color 0000D5.

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
0000D5

Protanopia
003E82

Deuteranopia
00426E

Trichromacy



Original Color
0000D5

Protanomaly
0027A0

Deuteranomaly
002A93

Monochromacy



Original Color
0000D5

Achromatopsia
181818

Achromatomaly
0F0F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0000D5 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 #0000D5 looks like.

```
.text, #text, p{  
    color:#0000D5  
}
```

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 #0000D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0000D5
}
```

Border

The CSS property to change the border of an element to Hex 0000D5 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
#0000D5 }
```

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

```
.border{ border-color:#0000D5 }
```

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

Here you see how a box with a 4 pixel #0000D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0000D5; -webkit-box-shadow:4px 4px  
4px 4px #0000D5; box-shadow:4px 4px 4px  
4px #0000D5 }
```

Background

The CSS property to change the background color of an element to Hex 0000D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0000D5 }
```

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

```
.background{ background-color:#0000D5 }
```

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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