

Converting Colors

Hex(0005D8)

Have a look what the booklet for
Hex(0005D8) contains.

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Color

Hex(0005D8)

Conversions

Conversions Part 1

Format	Color
Hex	0005D8
RGB	0, 5, 216
RGB Percent	0%, 2%, 85%
CMY	1.0000, 0.9804, 0.1529
CMYK	1.00, 0.98, 0.00, 0.15
HSL	239°, 100%, 42%
HSV	239°, 100%, 85%
XYZ	12.4489, 5.0664, 65.2875
YIQ	27.5590, -70.7110, 64.5610

Conversions

Conversions Part 2

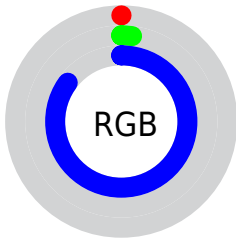
Format	Color
RYB	0, 5, 216
Decimal	1496
CIELab	26.92, 68.91, -94.64
CIELCh	27, 117.073, 306.058
Yxy	5.0664, 0.1503, 0.0612
Android (android.graphics.Color)	4278191576 (0xFF0005D8)
YUV	27.5590, 92.9014, -24.1692
Hunter-Lab	22.5087, 59.3333, -156.2174

Details

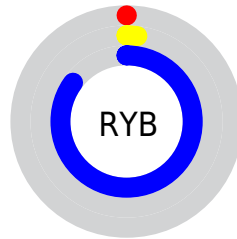
The Hex color **0005D8** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D8D300**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **6E43FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **0005D8**, and if you desaturate by 10%, it is **161AD8**.

Distribution



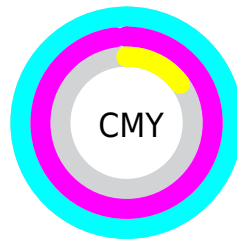
- Red (0%)
- Green (2%)
- Blue (85%)



- Red (0%)
- Yellow (2%)
- Blue (85%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (98%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0005D8 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 0005D8 by changing the saturation by 10% instead.

 0005D8

 0005D8

FFFFFF

 0000BB

 6E43FF

 00009F

 905EFF

 000084

 B179FF

 000969

 D194FF

 000A50

 F1B0FF

 000538

 FFCCFF


 000222

 FFE9FF

 000008

 000000

 0005D8

 161AD8

 2B2FD8

 4144D8

 5659D8

 6C6FD8

 8284D8

 9799D8

 ADAED8

 C2C3D8

Harmonies

Analogous

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



004FFD



0005D8



AC008B

Triad

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



0005D8



840800



005851

Complementary

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



0005D8



D8D300

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.



005600



0005D8



3F4400

Square

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



0005D8



B50000



005200



005CAB

Rectangle

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



0005D8



C60050



005200



005831

Sweetspot

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



0005D8



B3B4FF



00D8D1



525380



000000



808080

Same Dimension

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



0005D8



0006FF



6500D8



60616B



0004AB



00012B

Inverse Universe

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



D80005



FF0006



73D800



6B6061



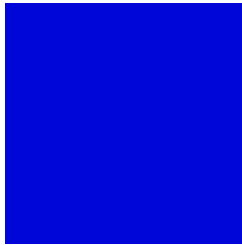
AB0004



2B0001

Previews

White Background



This preview shows how the Hex color 0005D8 looks on a white background.

Color Contrast Check

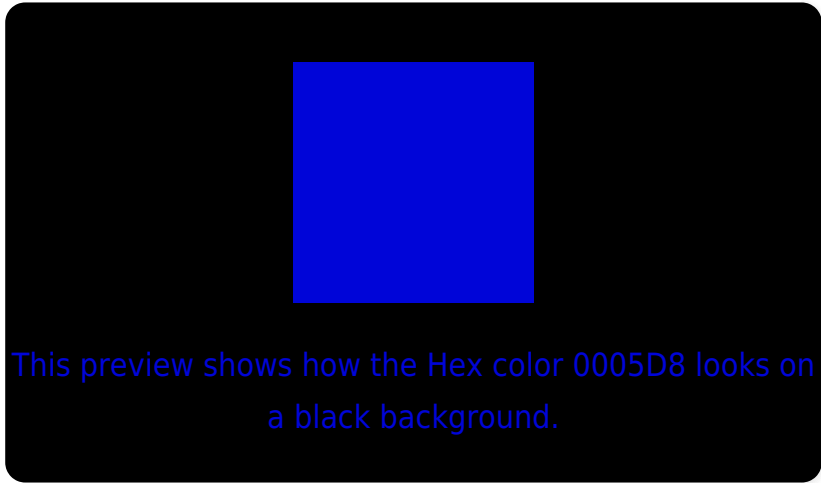
Large Text (above 18pt) WCAG AA ✓ Pass

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

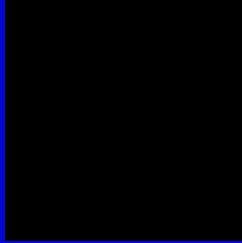
Any Text WCAG AA × Fail

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 0005D8 Background



This preview shows how black text looks on a background with the Hex color 0005D8.



This preview shows how white text looks on a background with the Hex color 0005D8.

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
0005D8

Protanopia
003F84

Deuteranopia
004370



Tritanopia
00494C

Trichromacy



Original Color
0005D8

Protanomaly
002AA3

Deuteranomaly
002C96

Tritanomaly
00307F

Monochromacy



Original Color
0005D8

Achromatopsia
1C1C1C

Achromatomaly
121460

CSS Examples

Text

The CSS property to change the color of the text to Hex 0005D8 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 #0005D8 looks like.

```
.text, #text, p{  
    color:#0005D8  
}
```

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 #0005D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0005D8
}
```

Border

The CSS property to change the border of an element to Hex 0005D8 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
#0005D8 }
```

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

```
.border{ border-color:#0005D8 }
```

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

Here you see how a box with a 4 pixel #0005D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0005D8; -webkit-box-shadow:4px 4px  
4px 4px #0005D8; box-shadow:4px 4px 4px  
4px #0005D8 }
```

Background

The CSS property to change the background color of an element to Hex 0005D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0005D8 }
```

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

```
.background{ background-color:#0005D8 }
```

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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