

Converting Colors

Hex(0048D9)

Have a look what the booklet for
Hex(0048D9) contains.

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Color

Hex(0048D9)

Conversions

Conversions Part 1

Format	Color
Hex	0048D9
RGB	0, 72, 217
RGB Percent	0%, 28%, 85%
CMY	1.0000, 0.7176, 0.1490
CMYK	1.00, 0.67, 0.00, 0.15
HSL	220°, 100%, 43%
HSV	220°, 100%, 85%
XYZ	14.8418, 9.6445, 66.7250
YIQ	67.0020, -89.4570, 29.8310

Conversions

Conversions Part 2

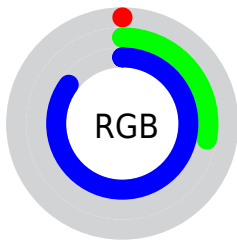
Format	Color
R _Y B	0, 54, 217
Decimal	18649
CIE Lab	37.20, 39.95, -78.16
CIE LCh	37, 87.779, 297.074
Yxy	9.6445, 0.1627, 0.1057
Android (android.graphics.Color)	4278208729 (0xFF0048D9)
YUV	67.0020, 73.9490, -58.7608
Hunter-Lab	31.0556, 30.9596, -105.6496

Details

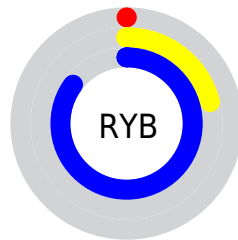
The Hex color **0048D9** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D99100**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6978FF**, and **001EA1** is the 20% darker color. If you saturate the color by 10%, you get **0048D9**, and if you desaturate by 10%, it is **1657D9**.

Distribution



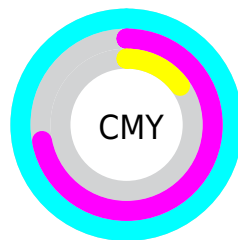
- Red (0%)
- Green (28%)
- Blue (85%)



- Red (0%)
- Yellow (21%)
- Blue (85%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (72%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0048D9 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 0048D9 by changing the saturation by 10% instead.

 0048D9

 0048D9

FFFFFF

 0032BD

 6978FF

 001EA1

 8A92FF

 000D86

 AAACFF

 00006B

 C9C8FF

 000B52

 E8E4FF

 00053A

 000223

 00000B

 000000

■ 0048D9

■ 1657D9

■ 2B65D9

■ 4174D9

■ 5782D9

■ 6D91D9

■ 829FD9

■ 98AED9

■ AEBCD9

■ C3CBD9

Harmonies

Analogous

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



0065E9



0048D9



A000A6

Triad

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



0048D9



A52B00



00714E

Complementary

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



0048D9



D99100

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.



006D00



0048D9



715300

Square

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



0048D9



C5001D



266500



007297

Rectangle

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



0048D9



C00079



266500



007035

Sweetspot

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



0048D9



B3CCFF



00D991



526180



000000



808080

Same Dimension

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



0048D9



0055FF



2400D9



63666E



003AAD



000F2E

Inverse Universe

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



D90048



FF0055



B5D900



6E6366



AD003A



2E000F

Previews

White Background



This preview shows how the Hex color 0048D9 looks on a white background.

Color Contrast Check

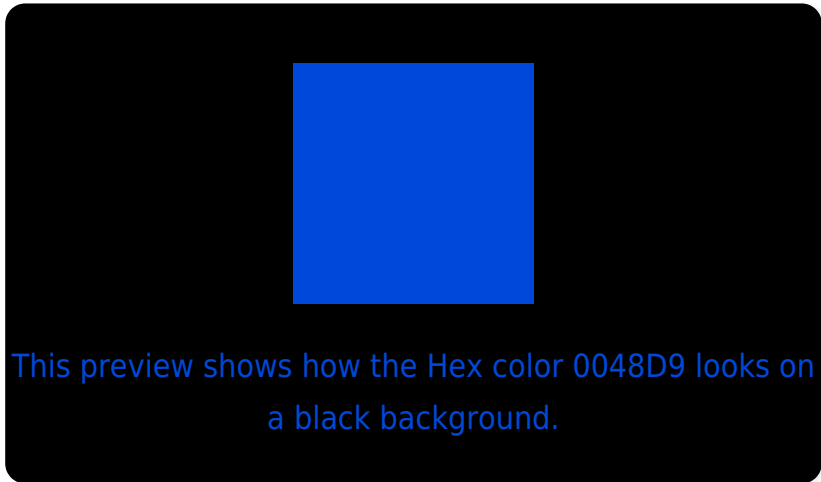
Large Text (above 18pt) WCAG AA ✓ Pass

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

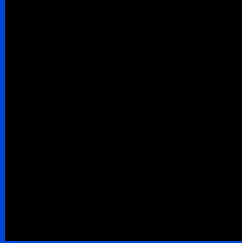
Any Text WCAG AA × Fail

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 0048D9 Background



This preview shows how black text looks on a background with the Hex color 0048D9.

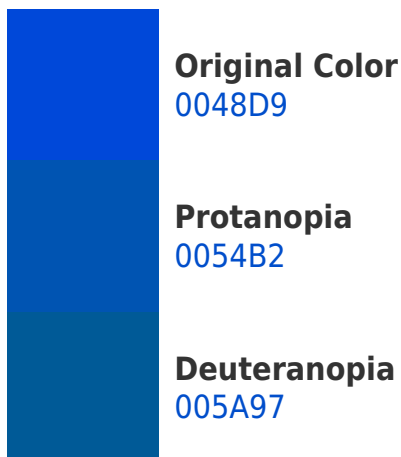


This preview shows how white text looks on a background with the Hex color 0048D9.

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





Tritanopia
006166

Trichromacy



Original Color
0048D9

Protanomaly
0050C0

Deuteranomaly
0053AF

Tritanomaly
005890

Monochromacy



Original Color
0048D9

Achromatopsia
434343

Achromatomaly
2B457A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0048D9 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 #0048D9 looks like.

```
.text, #text, p{  
    color:#0048D9  
}
```

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 #0048D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0048D9
}
```

Border

The CSS property to change the border of an element to Hex 0048D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

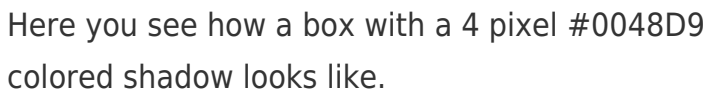
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0048D9 }
```

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

```
.border{ border-color:#0048D9 }
```

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



Here you see how a box with a 4 pixel #0048D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0048D9; -webkit-box-shadow:4px 4px  
4px 4px #0048D9; box-shadow:4px 4px 4px  
4px #0048D9 }
```

Background

The CSS property to change the background color of an element to Hex 0048D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0048D9 }
```

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

```
.background{ background-color:#0048D9 }
```

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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