

Converting Colors

Hex(0048D2)

Have a look what the booklet for
Hex(0048D2) contains.

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Color

Hex(0048D2)

Conversions

Conversions Part 1

Format	Color
Hex	0048D2
RGB	0, 72, 210
RGB Percent	0%, 28%, 82%
CMY	1.0000, 0.7176, 0.1765
CMYK	1.00, 0.66, 0.00, 0.18
HSL	219°, 100%, 41%
HSV	219°, 100%, 82%
XYZ	13.9502, 9.2879, 62.0302
YIQ	66.2040, -87.2100, 27.6540

Conversions

Conversions Part 2

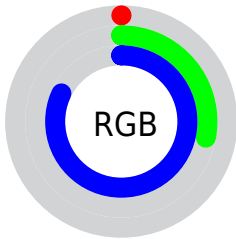
Format	Color
RYB	0, 54, 210
Decimal	18642
CIELab	36.53, 37.31, -75.22
CIELCh	37, 83.968, 296.381
Yxy	9.2879, 0.1636, 0.1089
Android (android.graphics.Color)	4278208722 (0xFF0048D2)
YUV	66.2040, 70.8914, -58.0609
Hunter-Lab	30.4760, 28.3744, -99.3444

Details

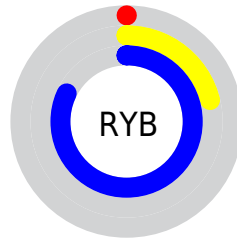
The Hex color **0048D2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D28A00**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6778FF**, and **001E9A** is the 20% darker color. If you saturate the color by 10%, you get **0048D2**, and if you desaturate by 10%, it is **1556D2**.

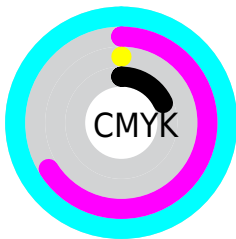
Distribution



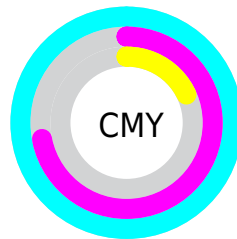
- Red (0%)
- Green (28%)
- Blue (82%)



- Red (0%)
- Yellow (21%)
- Blue (82%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (72%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0048D2 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 0048D2 by changing the saturation by 10% instead.

0048D2

0048D2

FFFFFF

0032B6

6778FF

001E9A

8792FF

000D7F

A7ACFF

000065

C6C8FF

00094C

E5E4FF

000534

00021E

000001

000000

■ 0048D2

■ 1556D2

■ 2A64D2

■ 3F71D2

■ 547FD2

■ 698DD2

■ 7E9BD2

■ 93A9D2

■ A8B6D2

■ BDC4D2

Harmonies

Analogous

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



0063E0



0048D2



9A00A2

Triad

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



0048D2



A12B00



006E4C

Complementary

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



0048D2



D28A00

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.



006B00



0048D2



715100

Square

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



0048D2



BF0020



2B6300



007091

Rectangle

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



0048D2



B90078



2B6300



006D33

Sweetspot

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



0048D2



B3CDFF



00D288



526180



000000



808080

Same Dimension

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



0048D2



0057FF



2000D2



5E6269



003AA8



000E29

Inverse Universe

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



D20048



FF0057



B2D200



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color 0048D2 looks on a white background.

Color Contrast Check

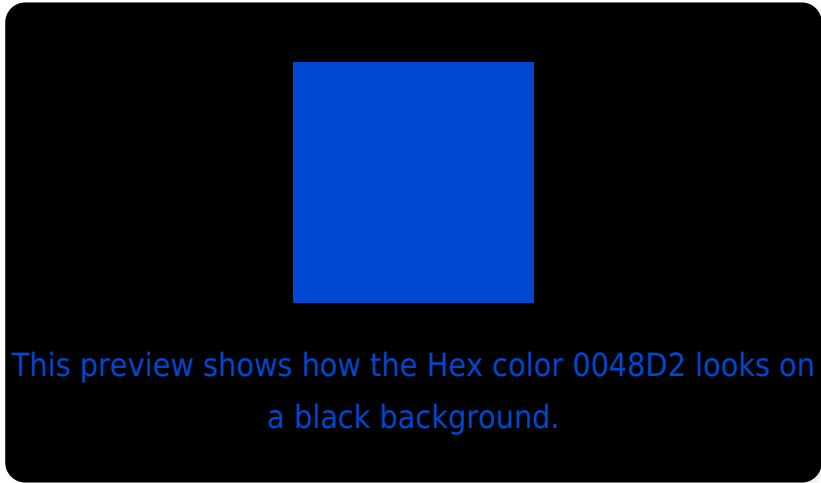
Large Text (above 18pt) WCAG AA ✓ Pass

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

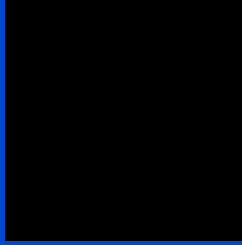
Any Text WCAG AA × Fail

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 0048D2 Background



This preview shows how black text looks on a background with the Hex color 0048D2.

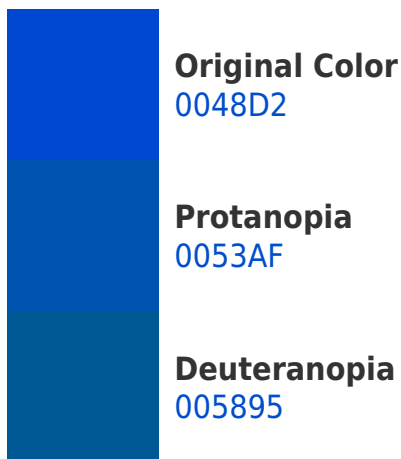


This preview shows how white text looks on a background with the Hex color 0048D2.

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
005F65

Trichromacy



Original Color
0048D2

Protanomaly
004FBC

Deuteranomaly
0052AB

Tritanomaly
00578D

Monochromacy



Original Color
0048D2

Achromatopsia
424242

Achromatomaly
2A4476

CSS Examples

Text

The CSS property to change the color of the text to Hex 0048D2 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 #0048D2 looks like.

```
.text, #text, p{  
    color:#0048D2  
}
```

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 #0048D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0048D2
}
```

Border

The CSS property to change the border of an element to Hex 0048D2 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
#0048D2 }
```

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

```
.border{ border-color:#0048D2 }
```

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

Here you see how a box with a 4 pixel #0048D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0048D2; -webkit-box-shadow:4px 4px  
4px 4px #0048D2; box-shadow:4px 4px 4px  
4px #0048D2 }
```

Background

The CSS property to change the background color of an element to Hex 0048D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0048D2 }
```

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

```
.background{ background-color:#0048D2 }
```

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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