

Converting Colors

Hex(0048DC)

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

Hex(0048DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0048DC)

Conversions

Conversions Part 1

Format	Color
Hex	0048DC
RGB	0, 72, 220
RGB Percent	0%, 28%, 86%
CMY	1.0000, 0.7176, 0.1373
CMYK	1.00, 0.67, 0.00, 0.14
HSL	220°, 100%, 43%
HSV	220°, 100%, 86%
XYZ	15.2356, 9.8020, 68.7991
YIQ	67.3440, -90.4200, 30.7640

Conversions

Conversions Part 2

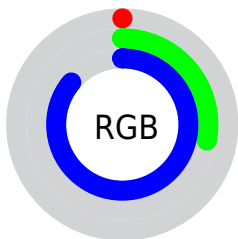
Format	Color
RYB	0, 54, 220
Decimal	18652
CIELab	37.48, 41.07, -79.41
CIELCh	37, 89.399, 297.349
Yxy	9.8020, 0.1624, 0.1045
Android (android.graphics.Color)	4278208732 (0xFF0048DC)
YUV	67.3440, 75.2594, -59.0607
Hunter-Lab	31.3082, 32.0748, -108.3728

Details

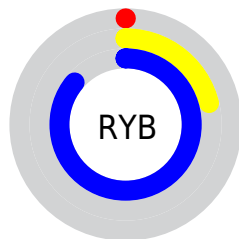
The Hex color **0048DC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DC9400**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6A78FF**, and **001EA4** is the 20% darker color. If you saturate the color by 10%, you get **0048DC**, and if you desaturate by 10%, it is **1657DC**.

Distribution



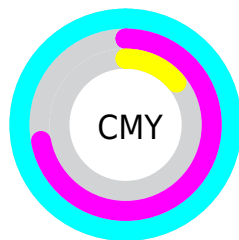
- Red (0%)
- Green (28%)
- Blue (86%)



- Red (0%)
- Yellow (21%)
- Blue (86%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (72%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 0048DC

 0048DC

FFFFFF

 0032BF

 6A78FF

 001EA4

 8B92FF

 000D88

 ABADFF

 00006E

 CAC8FF

 000C54

 EAE4FF

 00063C

 000226

 00010E

 000000

 0048DC

 1657DC

 2C66DC

 4274DC

 5883DC

 6E92DC

 84A1DC

 9AB0DC

 B0BEDC

 C6CDDC

Harmonies

Analogous

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



0066ED



0048DC



A300A8

Triad

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



0048DC



A62B00



007250

Complementary

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



0048DC



DC9400

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.



006E00



0048DC



725400

Square

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



0048DC



C7001C



236600



00739A

Rectangle

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



0048DC



C3007A



236600



007136

Sweetspot

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



0048DC



B3CCFF



00DC93



526180



000000



808080

Same Dimension

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



0048DC



0053FF



2500DC



63666E



0039AD



000F2E

Inverse Universe

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



DC0048



FF0053



B7DC00



6E6366



AD0039



2E000F

Previews

White Background



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

Color Contrast Check

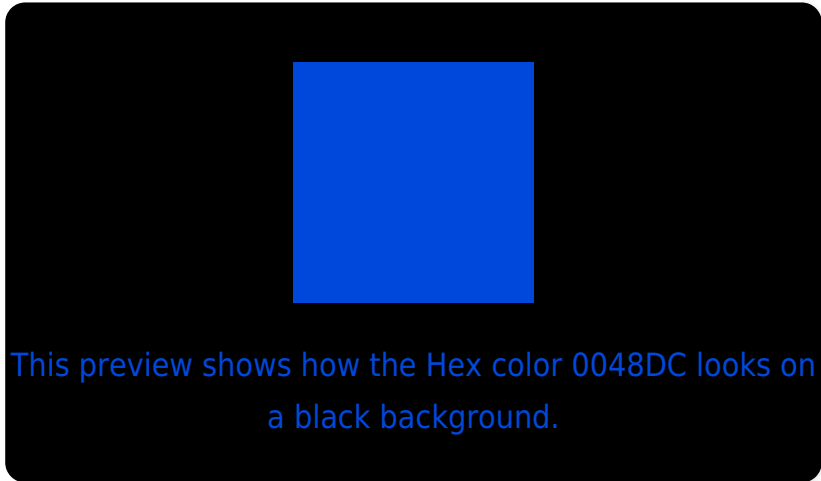
Large Text (above 18pt) WCAG AA ✓ Pass

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

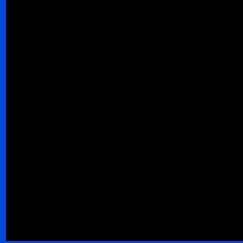
Any Text WCAG AA × Fail

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 0048DC Background



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



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

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
0048DC

Protanopia
0055B3

Deuteranopia
005A99



Trichromacy



Original Color
0048DC

Protanomaly
0050C2

Deuteranomaly
0053B1

Tritanomaly
005992

Monochromacy



Original Color
0048DC

Achromatopsia
434343

Achromatomaly
2B457B

CSS Examples

Text

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

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

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 #0048DC colored shadow looks like.

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

Border

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

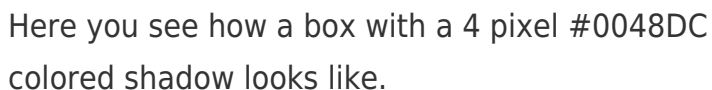
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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