

Converting Colors

Hex(0047D3)

Have a look what the booklet for
Hex(0047D3) contains.

Hex(0047D3)	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(0047D3)

Conversions

Conversions Part 1

Format	Color
Hex	0047D3
RGB	0, 71, 211
RGB Percent	0%, 28%, 83%
CMY	1.0000, 0.7216, 0.1725
CMYK	1.00, 0.66, 0.00, 0.17
HSL	220°, 100%, 41%
HSV	220°, 100%, 83%
XYZ	14.0111, 9.2096, 62.6672
YIQ	65.7310, -87.2560, 28.4880

Conversions

Conversions Part 2

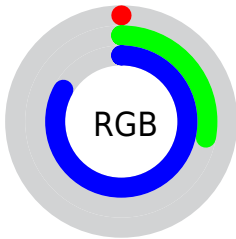
Format	Color
R _{YB}	0, 53, 211
Decimal	18387
CIE Lab	36.38, 38.33, -76.04
CIE LCh	36, 85.159, 296.751
Yxy	9.2096, 0.1631, 0.1072
Android (android.graphics.Color)	4278208467 (0xFF0047D3)
YUV	65.7310, 71.6176, -57.6461
Hunter-Lab	30.3474, 29.3040, -101.1905

Details

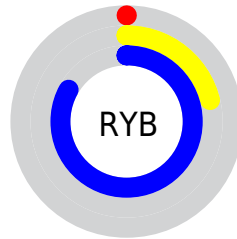
The Hex color **0047D3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D38C00**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6777FF**, and **001D9B** is the 20% darker color. If you saturate the color by 10%, you get **0047D3**, and if you desaturate by 10%, it is **1555D3**.

Distribution



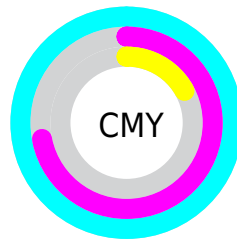
- Red (0%)
- Green (28%)
- Blue (83%)



- Red (0%)
- Yellow (21%)
- Blue (83%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (72%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0047D3 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 0047D3 by changing the saturation by 10% instead.

 0047D3

 0047D3

FFFFFF

 0031B7

 6777FF

 001D9B

 8891FF

 000C80

 A7ABFF


 000066

 C7C6FF

 000A4D

 E6E3FF

 000535

 00021F

 000002

 000000

■ 0047D3

■ 1555D3

■ 2A63D3

■ 3F71D3

■ 547FD3

■ 6A8DD3

■ 7F9BD3

■ 94A9D3

■ A9B7D3

■ BEC5D3

Harmonies

Analogous

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



0063E2



0047D3



9B00A2

Triad

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



0047D3



A12B00



006E4C

Complementary

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



0047D3



D38C00

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



0047D3



705100

Square

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



0047D3



C0001E



286300



006F92

Rectangle

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



0047D3



BA0077



286300



006D33

Sweetspot

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



0047D3



B3CCFF



00D389



526180



000000



808080

Same Dimension

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



0047D3



0056FF



2000D3



5E6269



0039A8



000E29

Inverse Universe

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



D30047



FF0056



B3D300



695E62



A80039



29000E

Previews

White Background



This preview shows how the Hex color 0047D3 looks on a white background.

Color Contrast Check

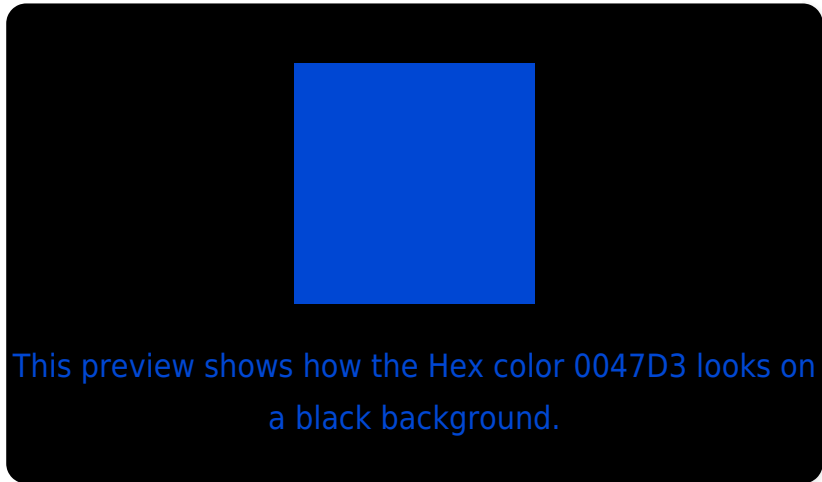
Large Text (above 18pt) WCAG AA ✓ Pass

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

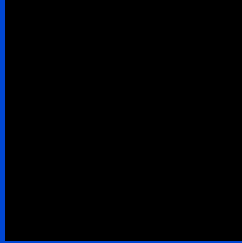
Any Text WCAG AA × Fail

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 0047D3 Background



This preview shows how black text looks on a background with the Hex color 0047D3.

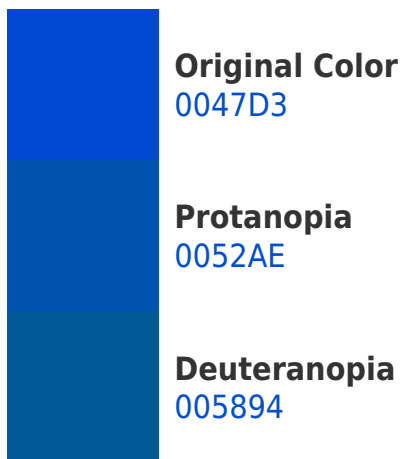


This preview shows how white text looks on a background with the Hex color 0047D3.

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
005F64

Trichromacy



Original Color
0047D3

Protanomaly
004EBB

Deuteranomaly
0052AB

Tritanomaly
00568C

Monochromacy



Original Color
0047D3

Achromatopsia
424242

Achromatomaly
2A4477

CSS Examples

Text

The CSS property to change the color of the text to Hex 0047D3 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 #0047D3 looks like.

```
.text, #text, p{  
    color:#0047D3  
}
```

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 #0047D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0047D3
}
```

Border

The CSS property to change the border of an element to Hex 0047D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

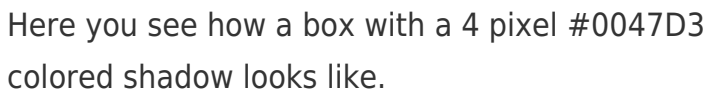
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0047D3 }
```

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

```
.border{ border-color:#0047D3 }
```

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



Here you see how a box with a 4 pixel #0047D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0047D3; -webkit-box-shadow:4px 4px  
4px 4px #0047D3; box-shadow:4px 4px 4px  
4px #0047D3 }
```

Background

The CSS property to change the background color of an element to Hex 0047D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0047D3 }
```

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

```
.background{ background-color:#0047D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor