

Converting Colors

Hex(0043D1)

Have a look what the booklet for
Hex(0043D1) contains.

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Color

Hex(0043D1)

Conversions

Conversions Part 1

Format	Color
Hex	0043D1
RGB	0, 67, 209
RGB Percent	0%, 26%, 82%
CMY	1.0000, 0.7373, 0.1804
CMYK	1.00, 0.68, 0.00, 0.18
HSL	221°, 100%, 41%
HSV	221°, 100%, 82%
XYZ	13.5158, 8.6178, 61.2726
YIQ	63.1550, -85.5140, 29.9580

Conversions

Conversions Part 2

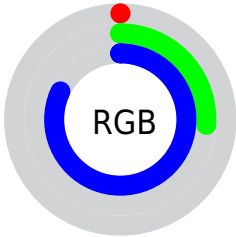
Format	Color
RYB	0, 51, 209
Decimal	17361
CIELab	35.24, 40.13, -76.78
CIELCh	35, 86.632, 297.592
Yxy	8.6178, 0.1620, 0.1033
Android (android.graphics.Color)	4278207441 (0xFF0043D1)
YUV	63.1550, 71.9016, -55.3869
Hunter-Lab	29.3560, 30.8100, -103.2024

Details

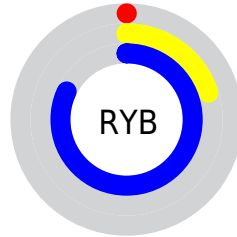
The Hex color **0043D1** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D18E00**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6773FF**, and **001999** is the 20% darker color. If you saturate the color by 10%, you get **0043D1**, and if you desaturate by 10%, it is **1551D1**.

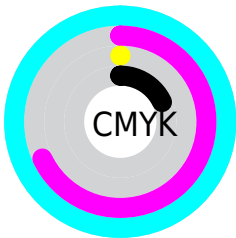
Distribution



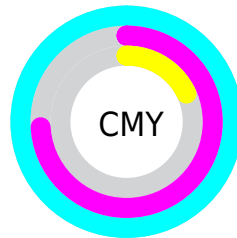
- Red (0%)
- Green (26%)
- Blue (82%)



- Red (0%)
- Yellow (20%)
- Blue (82%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (74%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0043D1 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 0043D1 by changing the saturation by 10% instead.

 0043D1

 0043D1

FFFFFF

 002DB5

 6773FF

 001999

 888CFF

 00087E

 A7A7FF

 000164

 C6C2FF

 00094B

 E5DEFF

 000434

 FFFBFF

 00021D

 000000

 0043D1

 1551D1

 2A5FD1

 3F6ED1

 547CD1

 698AD1

 7D98D1

 92A6D1

 A7B5D1

 BCC3D1

Harmonies

Analogous

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



0060E1



0043D1



9B009F

Triad

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



0043D1



9D2800



006B4B

Complementary

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



0043D1



D18E00

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.



006800



0043D1



6B4F00

Square

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



0043D1



BD0019



1E6000



006D92

Rectangle

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



0043D1



B90073



1E6000



006A32

Sweetspot

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



0043D1



B3CBFF



00D18B



526080



000000



808080

Same Dimension

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



0043D1



0052FF



2300D1



5E6169



0036A8



000D29

Inverse Universe

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



D10043



FF0052



AED100



695E61



A80036



29000D

Previews

White Background



This preview shows how the Hex color 0043D1 looks on a white background.

Color Contrast Check

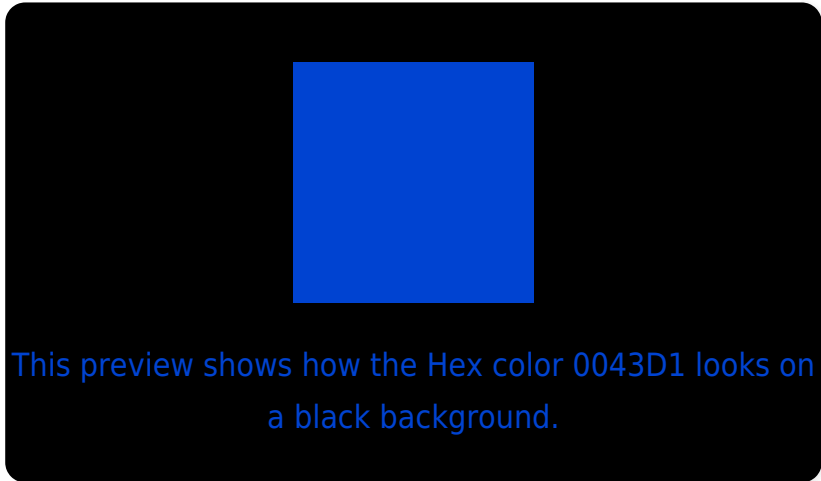
Large Text (above 18pt) WCAG AA ✓ Pass

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

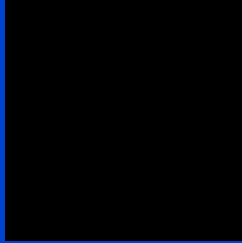
Any Text WCAG AA × Fail

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 0043D1 Background



This preview shows how black text looks on a background with the Hex color 0043D1.



This preview shows how white text looks on a background with the Hex color 0043D1.

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
0043D1

Protanopia
0050A8

Deuteranopia
00558F



Tritanopia
005C61

Trichromacy



Original Color
0043D1

Protanomaly
004BB7

Deuteranomaly
004EA7

Tritanomaly
00538A

Monochromacy



Original Color
0043D1

Achromatopsia
3F3F3F

Achromatomaly
284074

CSS Examples

Text

The CSS property to change the color of the text to Hex 0043D1 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 #0043D1 looks like.

```
.text, #text, p{  
    color:#0043D1  
}
```

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 #0043D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0043D1
}
```

Border

The CSS property to change the border of an element to Hex 0043D1 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
#0043D1 }
```

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

```
.border{ border-color:#0043D1 }
```

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

Here you see how a box with a 4 pixel #0043D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0043D1; -webkit-box-shadow:4px 4px  
4px 4px #0043D1; box-shadow:4px 4px 4px  
4px #0043D1 }
```

Background

The CSS property to change the background color of an element to Hex 0043D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0043D1 }
```

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

```
.background{ background-color:#0043D1 }
```

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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