

Converting Colors

Hex(004DD1)

Have a look what the booklet for
Hex(004DD1) contains.

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Color

Hex(004DD1)

Conversions

Conversions Part 1

Format	Color
Hex	004DD1
RGB	0, 77, 209
RGB Percent	0%, 30%, 82%
CMY	1.0000, 0.6980, 0.1804
CMYK	1.00, 0.63, 0.00, 0.18
HSL	218°, 100%, 41%
HSV	218°, 100%, 82%
XYZ	14.1625, 9.9112, 61.4882
YIQ	69.0250, -88.2640, 24.7280

Conversions

Conversions Part 2

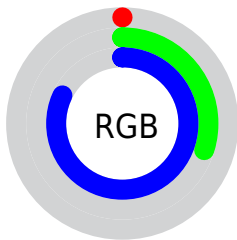
Format	Color
R _{YB}	0, 56, 209
Decimal	19921
CIE _{Lab}	37.68, 33.69, -72.76
CIE _{LCh}	38, 80.177, 294.844
Yxy	9.9112, 0.1655, 0.1158
Android (android.graphics.Color)	4278210001 (0xFF004DD1)
YUV	69.0250, 69.0077, -60.5349
Hunter-Lab	31.4821, 25.2063, -93.7630

Details

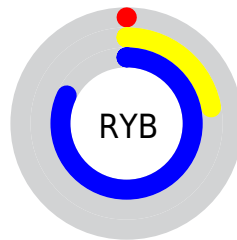
The Hex color **004DD1** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D18400**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **667DFF**, and **002399** is the 20% darker color. If you saturate the color by 10%, you get **004DD1**, and if you desaturate by 10%, it is **155AD1**.

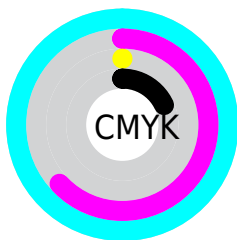
Distribution



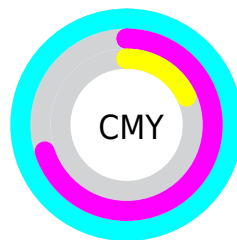
- Red (0%)
- Green (30%)
- Blue (82%)



- Red (0%)
- Yellow (22%)
- Blue (82%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (70%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 004DD1 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 004DD1 by changing the saturation by 10% instead.

 004DD1

 004DD1

FFFFFF

 0037B5

 667DFF

 002399

 8797FF

 00117E

 A6B2FF

 000065

 C5CDFF

 00094B

 E4E9FF

 000434

 00021E

 000000

 004DD1

 155AD1

 2A67D1

 3F75D1

 5482D1

 698FD1

 7D9CD1

 92A9D1

 A7B7D1

 BCC4D1

Harmonies

Analogous

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



0066DD



004DD1



9716A5

Triad

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



004DD1



A52F00



00714B

Complementary

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



004DD1



D18400

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



004DD1



765300

Square

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



004DD1



C00028



376500



00728E

Rectangle

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



004DD1



B7007C



376500



007034

Sweetspot

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



004DD1



B3CFFF



00D181



526380



000000



808080

Same Dimension

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



004DD1



005EFF



1800D1



5E6269



003EA8



000F29

Inverse Universe

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



D1004D



FF005E



B9D100



695E62



A8003E



29000F

Previews

White Background



This preview shows how the Hex color 004DD1 looks on a white background.

Color Contrast Check

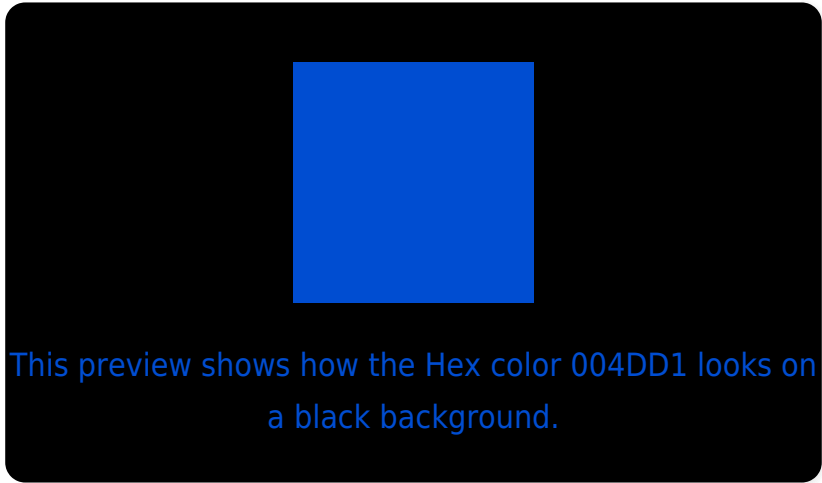
Large Text (above 18pt) WCAG AA ✓ Pass

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

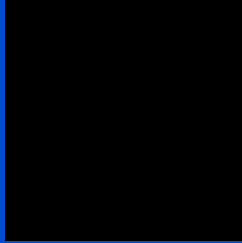
Any Text WCAG AA × Fail

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 004DD1 Background



This preview shows how black text looks on a background with the Hex color 004DD1.



This preview shows how white text looks on a background with the Hex color 004DD1.

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](#).

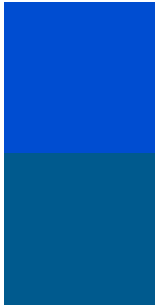
Dichromacy



Original Color
004DD1

Tritanopia
006268

Trichromacy



Original Color
004DD1

Tritanomaly
005A8E

Monochromacy



Original Color
004DD1

Achromatopsia
454545

Achromatomaly
2C4878

CSS Examples

Text

The CSS property to change the color of the text to Hex 004DD1 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 #004DD1 looks like.

```
.text, #text, p{  
    color:#004DD1  
}
```

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 #004DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004DD1
}
```

Border

The CSS property to change the border of an element to Hex 004DD1 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
#004DD1 }
```

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

```
.border{ border-color:#004DD1 }
```

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

Here you see how a box with a 4 pixel #004DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004DD1; -webkit-box-shadow:4px 4px  
4px 4px #004DD1; box-shadow:4px 4px 4px  
4px #004DD1 }
```

Background

The CSS property to change the background color of an element to Hex 004DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004DD1 }
```

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

```
.background{ background-color:#004DD1 }
```

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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