

Converting Colors

Hex(003DD8)

Have a look what the booklet for
Hex(003DD8) contains.

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Color

Hex(003DD8)

Conversions

Conversions Part 1

Format	Color
Hex	003DD8
RGB	0, 61, 216
RGB Percent	0%, 24%, 85%
CMY	1.0000, 0.7608, 0.1529
CMYK	1.00, 0.72, 0.00, 0.15
HSL	223°, 100%, 42%
HSV	223°, 100%, 85%
XYZ	14.0634, 8.2954, 65.8257
YIQ	60.4310, -86.1110, 35.2730

Conversions

Conversions Part 2

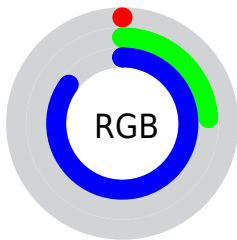
Format	Color
RYB	0, 48, 216
Decimal	15832
CIELab	34.59, 46.39, -81.89
CIELCh	35, 94.116, 299.534
Yxy	8.2954, 0.1595, 0.0941
Android (android.graphics.Color)	4278205912 (0xFF003DD8)
YUV	60.4310, 76.6955, -52.9980
Hunter-Lab	28.8017, 36.7559, -115.3451

Details

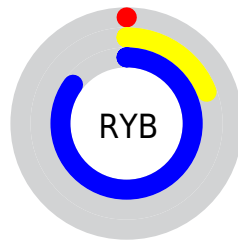
The Hex color **003DD8** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D89B00**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6A6DFF**, and **0013A0** is the 20% darker color. If you saturate the color by 10%, you get **003DD8**, and if you desaturate by 10%, it is **164DD8**.

Distribution



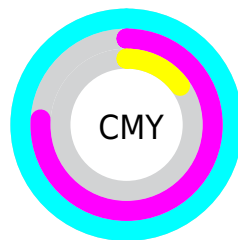
- Red (0%)
- Green (24%)
- Blue (85%)



- Red (0%)
- Yellow (19%)
- Blue (85%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (76%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003DD8 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 003DD8 by changing the saturation by 10% instead.

 003DD8

 003DD8

FFFFFF

 0027BB

 6A6DFF

 0013A0

 8B86FF

 000285


 ABA1FF

 00016A


 CABCFE

 000B51

 EAD8FF

 000539

 FFF4FF

 000222

 000009

 000000

 003DD8

 164DD8

 2B5CD8

 416CD8

 567BD8

 6C8BD8

 829AD8

 97AAD8

 ADB9D8

 C2C9D8

Harmonies

Analogous

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



005FED



003DD8



A3009F

Triad

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



003DD8



9D2400



006A4E

Complementary

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



003DD8



D89B00

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



003DD8



654F00

Square

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



003DD8



C1000E



006100



006C9B

Rectangle

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



003DD8



C1006F



006100



006A33

Sweetspot

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



003DD8



B3C8FF



00D89B



525F80



000000



808080

Same Dimension

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



003DD8



0048FF



2F00D8



60636B



0030AB



000C2B

Inverse Universe

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



D8003D



FF0048



A9D800



6B6063



AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 003DD8 looks on a white background.

Color Contrast Check

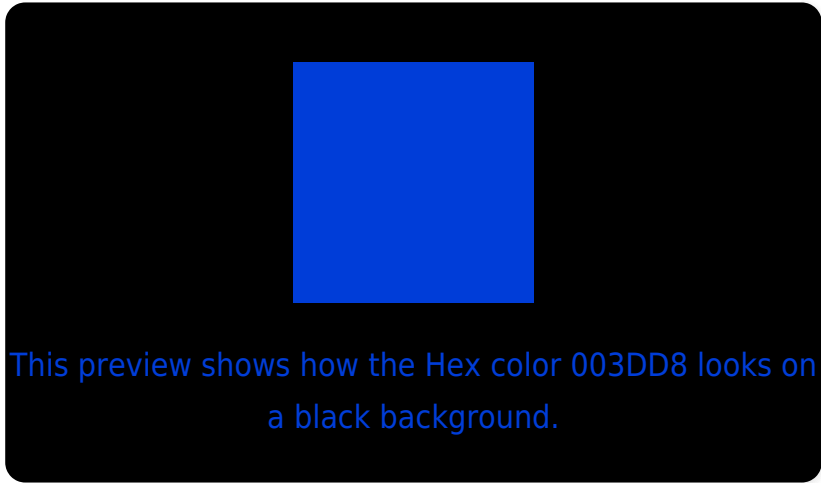
Large Text (above 18pt) WCAG AA ✓ Pass

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 003DD8 Background



This preview shows how black text looks on a background with the Hex color 003DD8.

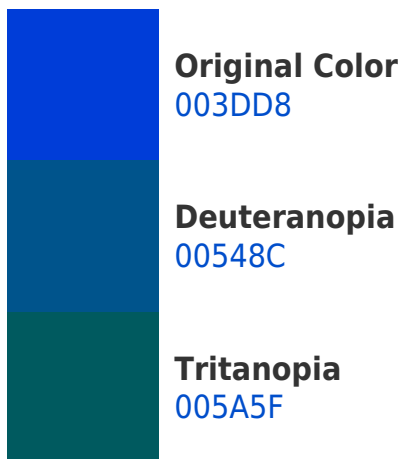


This preview shows how white text looks on a background with the Hex color 003DD8.

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



Trichromacy



Original Color
003DD8

Deuteranomaly
004CA8

Tritanomaly
004F8B

Monochromacy



Original Color
003DD8

Achromatopsia
3C3C3C

Achromatomaly
263C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 003DD8 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 #003DD8 looks like.

```
.text, #text, p{  
    color:#003DD8  
}
```

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 #003DD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003DD8
}
```

Border

The CSS property to change the border of an element to Hex 003DD8 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
#003DD8 }
```

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

```
.border{ border-color:#003DD8 }
```

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

Here you see how a box with a 4 pixel #003DD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003DD8; -webkit-box-shadow:4px 4px  
4px 4px #003DD8; box-shadow:4px 4px 4px  
4px #003DD8 }
```

Background

The CSS property to change the background color of an element to Hex 003DD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003DD8 }
```

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

```
.background{ background-color:#003DD8 }
```

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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