

# Converting Colors

Hex(000DDD)

Have a look what the booklet for  
Hex(000DDD) contains.

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# Color

**Hex(000DDD)**

# Conversions

Conversions Part 1	
Format	Color
Hex	000DDD
RGB	0, 13, 221
RGB Percent	0%, 5%, 87%
CMY	1.0000, 0.9490, 0.1333
CMYK	1.00, 0.94, 0.00, 0.13
HSL	236°, 100%, 43%
HSV	236°, 100%, 87%
XYZ	13.1951, 5.5083, 68.7744
YIQ	32.8250, -74.5160, 61.9320

# Conversions

## Conversions Part 2

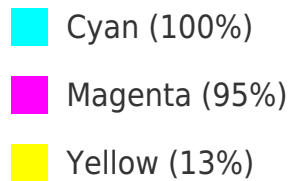
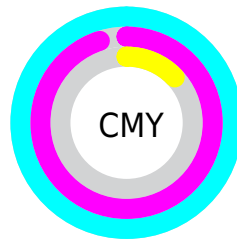
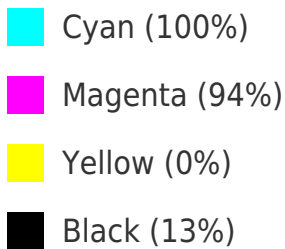
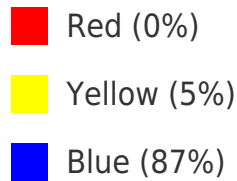
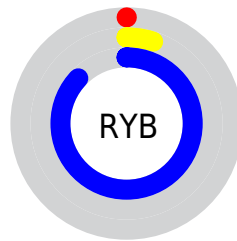
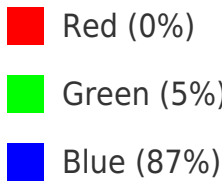
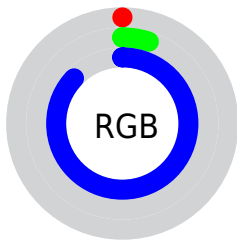
Format	Color
<a href="#">RYB</a>	<a href="#">0, 12, 221</a>
Decimal	<a href="#">3549</a>
CIELab	<a href="#">28.14, 68.65, -95.50</a>
CIELCh	<a href="#">28, 117.619, 305.711</a>
Yxy	<a href="#">5.5083, 0.1508, 0.0630</a>
Android (android.graphics.Color)	<a href="#">4278193629</a> (0xFF000DDD)
YUV	<a href="#">32.8250, 92.7703, -28.7875</a>
Hunter-Lab	<a href="#">23.4698, 59.2833, -157.3108</a>

# Details

The Hex color **000DDD** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **DDD000**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6F47FF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **000DDD**, and if you desaturate by 10%, it is **1622DD**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 000DDD 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 000DDD by changing the saturation by 10% instead.



 000DDD

 000DDD

FFFFFF

 0000C0

 6F47FF

 0000A4

 9162FF

 000089

 B27CFF

 00066E

 D298FF

 000C54

 F2B3FF

 00063C

 FFD0FF

 000226

 FFEDFF

 00010E

 000000

 000DDD

 1622DD

 2C37DD

 424BDD

 5860DD

 6F75DD

 858ADD

 9B9FDD

 B1B3DD

 C7C8DD

# Harmonies

## Analogous

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



0052FF



000DDD



B00090

# Triad

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



000DDD



890B00



005C53

# Complementary

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



000DDD



DDD000

# 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.



005900



000DDD



434600

# Square

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



000DDD



BA0000



005500



005FAE

# Rectangle

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



000DDD



CA0054



005500



005B33



# Sweetspot

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



000DDD



B3B7FF



00DDCE



525480



000000



808080



# Same Dimension

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



000DDD



000FFF



6000DD



63636E



000AAD



00032E



# Inverse Universe

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



DD000D



FF000F



7DDD00



6E6363



AD000A

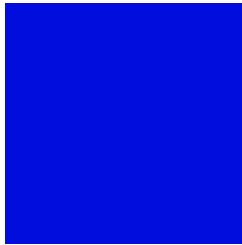


2E0003



# Previews

## White Background



This preview shows how the Hex color 000DDD looks on a white background.

## Color Contrast Check

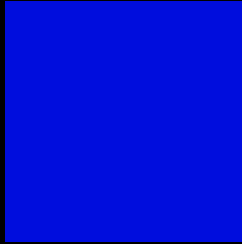
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



This preview shows how the Hex color 000DDD looks on a 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 000DDD Background



This preview shows how black text looks on a background with the Hex color 000DDD.



This preview shows how white text looks on a background with the Hex color 000DDD.

# 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**

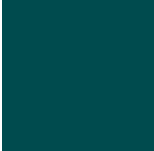
000DDD

**Protanopia**

004188





**Deuteranopia**

004674






**Tritanopia**  
004B4E

# Trichromacy

	<b>Original Color</b> 000DDD
	<b>Protanomaly</b> 002EA7
	<b>Deuteranomaly</b> 00319A
	<b>Tritanomaly</b> 003482

# Monochromacy

	<b>Original Color</b> 000DDD
	<b>Achromatopsia</b> 212121
	<b>Achromatomaly</b> 151A65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 000DDD 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 #000DDD looks like.

```
.text, #text, p{  
    color:#000DDD  
}
```

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 #000DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000DDD
}
```

## Border

The CSS property to change the border of an element to Hex 000DDD 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
#000DDD }
```

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

```
.border{ border-color:#000DDD }
```

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

Here you see how a box with a 4 pixel #000DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000DDD; -webkit-box-shadow:4px 4px  
4px 4px #000DDD; box-shadow:4px 4px 4px  
4px #000DDD }
```

# Background

The CSS property to change the background color of an element to Hex 000DDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000DDD }
```

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

```
.background{ background-color:#000DDD }
```

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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