

# Converting Colors

Hex(0600D9)

Have a look what the booklet for  
Hex(0600D9) contains.

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# Color

**Hex(0600D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0600D9
RGB	6, 0, 217
RGB Percent	2%, 0%, 85%
CMY	0.9765, 1.0000, 0.1490
CMYK	0.97, 1.00, 0.00, 0.15
HSL	242°, 100%, 43%
HSV	242°, 100%, 85%
XYZ	12.5995, 5.0485, 65.9560
YIQ	26.5320, -66.0810, 68.7590

# Conversions

## Conversions Part 2

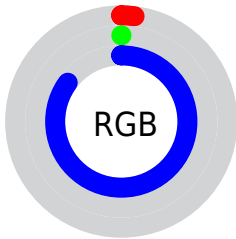
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	6, 0, 217
Decimal	393433
CIE <sub>Lab</sub>	26.87, 70.15, -95.31
CIE <sub>LCh</sub>	27, 118.338, 306.354
Yxy	5.0485, 0.1507, 0.0604
Android (android.graphics.Color)	4278583513 (0xFF0600D9)
YUV	26.5320, 93.9007, -18.0066
Hunter-Lab	22.4688, 60.7743, -158.3146

# Details

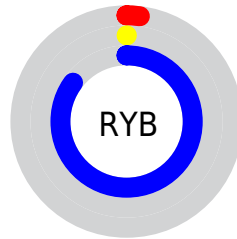
The Hex color **0600D9** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D3D900**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **6F42FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **0600D9**, and if you desaturate by 10%, it is **1B16D9**.

# Distribution



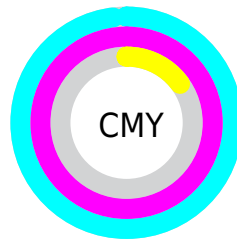
- Red (2%)
- Green (0%)
- Blue (85%)



- Red (2%)
- Yellow (0%)
- Blue (85%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (98%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0600D9 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 0600D9 by changing the saturation by 10% instead.



 0600D9


 0600D9


FFFFFF

 0000BC

 6F42FF

 0000A0

 915CFF

 000085

 B277FF

 00086A


 D293FF

 000B51

 F2AEFF

 000539

 FFCBFF

 000223

 FFE8FF

 000009

 000000

 0600D9

 1B16D9

 302BD9

 4541D9

 5A57D9

 706DD9

 8582D9

 9A98D9

 AFAED9

 C4C3D9

# Harmonies

## Analogous

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



004FFF



0600D9



AE008B

# Triad

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



0600D9



840800



005852

# Complementary

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



0600D9



D3D900

# 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.



005600



0600D9



3D4400

# Square

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



0600D9



B50000



005200



005CAD

# Rectangle

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



0600D9



C7004F



005200



005732



# Sweetspot

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



0600D9



B5B3FF



00D5D9



535280



000000



808080



# Same Dimension

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



0600D9



0700FF



7000D9



63636E



0500AD



01002E



# Inverse Universe

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



D900D3



FF00F8



69D900



6E636D



AD00A9

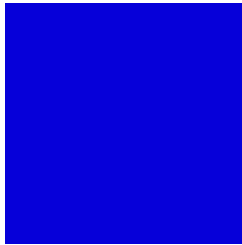


2E002D



# Previews

## White Background



This preview shows how the Hex color 0600D9 looks on a white background.

## Color Contrast Check

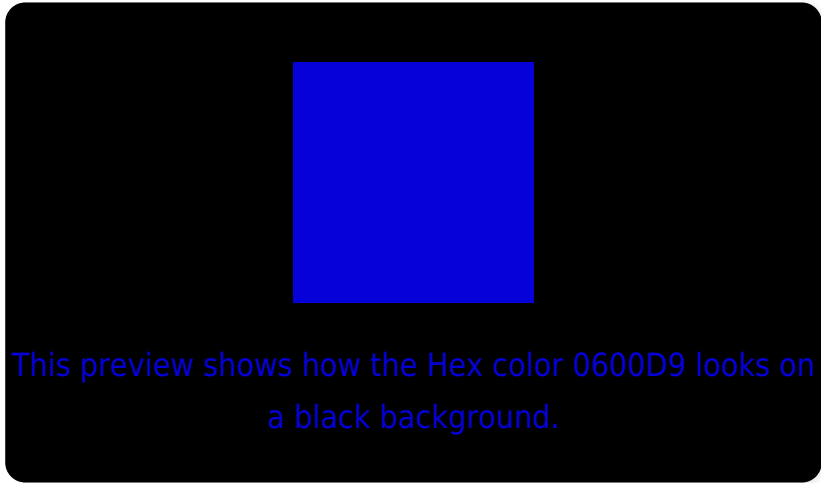
Large Text (above 18pt) WCAG AA ✓ Pass

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

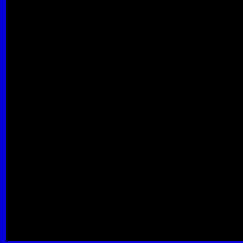
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0600D9 Background



This preview shows how black text looks on a background with the Hex color 0600D9.



This preview shows how white text looks on a background with the Hex color 0600D9.

# 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**  
0600D9

**Protanopia**  
003F85

**Deuteranopia**  
004471



**Tritanopia**  
00494C

# Trichromacy



**Original Color**  
0600D9

**Protanomaly**  
0228A4

**Deuteranomaly**  
022B97

**Tritanomaly**  
022E7F

# Monochromacy



**Original Color**  
0600D9

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
131160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0600D9 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 #0600D9 looks like.

```
.text, #text, p{  
    color:#0600D9  
}
```

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 #0600D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0600D9
}
```

## Border

The CSS property to change the border of an element to Hex 0600D9 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
#0600D9 }
```

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

```
.border{ border-color:#0600D9 }
```

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

Here you see how a box with a 4 pixel #0600D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0600D9; -webkit-box-shadow:4px 4px  
4px 4px #0600D9; box-shadow:4px 4px 4px  
4px #0600D9 }
```

# Background

The CSS property to change the background color of an element to Hex 0600D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0600D9 }
```

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

```
.background{ background-color:#0600D9 }
```

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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