

# Converting Colors

Hex(0152D7)

Have a look what the booklet for  
Hex(0152D7) contains.

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# Color

Hex(0152D7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0152D7
RGB	1, 82, 215
RGB Percent	0%, 32%, 84%
CMY	0.9961, 0.6784, 0.1569
CMYK	1.00, 0.62, 0.00, 0.16
HSL	217°, 99%, 42%
HSV	217°, 100%, 84%
XYZ	15.2956, 10.9473, 65.5969
YIQ	72.9430, -90.9690, 24.1910

# Conversions

## Conversions Part 2

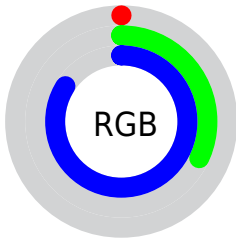
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 60, 215
Decimal	86743
CIE <sub>Lab</sub>	39.49, 32.78, -73.24
CIE <sub>LCh</sub>	39, 80.240, 294.109
Yxy	10.9473, 0.1665, 0.1192
Android (android.graphics.Color)	4278276823 (0xFF0152D7)
YUV	72.9430, 70.0341, -63.0940
Hunter-Lab	33.0868, 24.6163, -94.3859

# Details

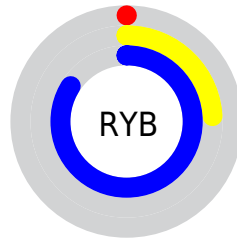
The Hex color **0152D7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D78601**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6883FF**, and **00279F** is the 20% darker color. If you saturate the color by 10%, you get **0051D7**, and if you desaturate by 10%, it is **165FD7**.

# Distribution



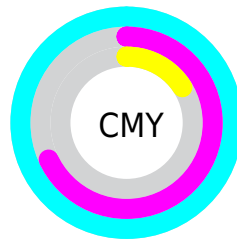
- Red (0%)
- Green (32%)
- Blue (84%)



- Red (0%)
- Yellow (24%)
- Blue (84%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (16%)




- Cyan (100%)
- Magenta (68%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0152D7 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 0152D7 by changing the saturation by 10% instead.



 0152D7

 0152D7

FFFFFF

 003CBB

 6883FF

 00279F

 889DFF

 001584

 A8B7FF

 00006A

 C7D3FF

 000B51

 E6EFFF

 000539

 000222

 000008

 000000

■ 0152D7

■ 0152D7

■ 0051D7

■ 165FD7

■ 2C6DD7

■ 417AD7

■ 5787D7

■ 6C95D7

■ 82A2D7

■ 98B0D7

■ ADBDD7

■ C3CAD7

# Harmonies

## Analogous

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



006AE2



0152D7



9B20AB

# Triad

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



0152D7



AB3300



00754E

# Complementary

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



0152D7



D78601

# 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.



007200



0152D7



7D5600

# Square

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



0152D7



C6002D



3E6900



007791

# Rectangle

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



0152D7



BC0083



3E6900



007536



# Sweetspot

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



0152D7



B3CFFF



01D785



526380



000000



808080



# Same Dimension

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



0152D7



0061FF



1A01D7



60646B



0041AB



00102B



# Inverse Universe

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



D70152



FF0061



BED701



6B6064



AB0041



2B0010



# Previews

## White Background



This preview shows how the Hex color 0152D7 looks on a white background.

## Color Contrast Check

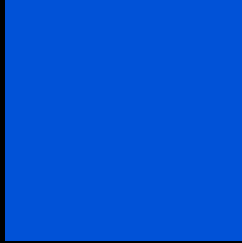
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0152D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

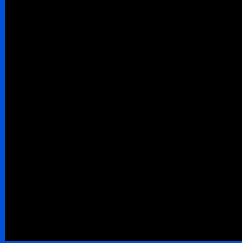
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0152D7 Background



This preview shows how black text looks on a background with the Hex color 0152D7.



This preview shows how white text looks on a background with the Hex color 0152D7.

# 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**  
0152D7

**Protanopia**  
0059BD

**Deuteranopia**  
005FA2



**Tritanopia**  
00676D

# Trichromacy



**Original Color**  
0152D7

**Protanomaly**  
0056C6

**Deuteranomaly**  
005AB5

**Tritanomaly**  
005F94

# Monochromacy



**Original Color**  
0152D7

**Achromatopsia**  
494949

**Achromatomaly**  
2F4C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0152D7 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 #0152D7 looks like.

```
.text, #text, p{  
    color:#0152D7  
}
```

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 #0152D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0152D7
}
```

## Border

The CSS property to change the border of an element to Hex 0152D7 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
#0152D7 }
```

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

```
.border{ border-color:#0152D7 }
```

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

Here you see how a box with a 4 pixel #0152D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0152D7; -webkit-box-shadow:4px 4px  
4px 4px #0152D7; box-shadow:4px 4px 4px  
4px #0152D7 }
```

# Background

The CSS property to change the background color of an element to Hex 0152D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0152D7 }
```

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

```
.background{ background-color:#0152D7 }
```

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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