

Converting Colors

Hex(050DB7)

Have a look what the booklet for
Hex(050DB7) contains.

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Color

Hex(050DB7)

Conversions

Conversions Part 1

Format	Color
Hex	050DB7
RGB	5, 13, 183
RGB Percent	2%, 5%, 72%
CMY	0.9804, 0.9490, 0.2824
CMYK	0.97, 0.93, 0.00, 0.28
HSL	237°, 95%, 37%
HSV	237°, 97%, 72%
XYZ	8.7538, 3.7390, 45.0601
YIQ	29.9880, -59.3380, 51.1740

Conversions

Conversions Part 2

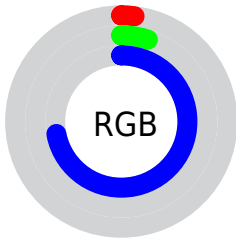
Format	Color
RYB	5, 13, 183
Decimal	331191
CIELab	22.79, 58.60, -82.16
CIELCh	23, 100.922, 305.499
Yxy	3.7390, 0.1521, 0.0650
Android (android.graphics.Color)	4278521271 (0xFF050DB7)
YUV	29.9880, 75.4349, -21.9145
Hunter-Lab	19.3365, 46.9691, -124.6285

Details

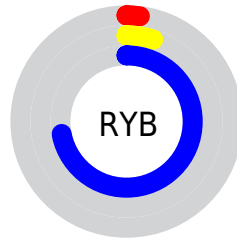
The Hex color **050DB7** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **B7AF05**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6543F1**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **0008B7**, and if you desaturate by 10%, it is **171EB7**.

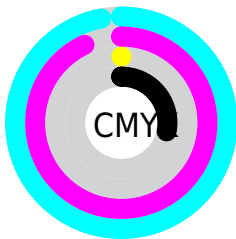
Distribution



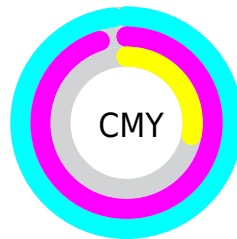
- Red (2%)
- Green (5%)
- Blue (72%)



- Red (2%)
- Yellow (5%)
- Blue (72%)



- Cyan (97%)
- Magenta (93%)
- Yellow (0%)
- Black (28%)



- Cyan (98%)
- Magenta (95%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 050DB7 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 050DB7 by changing the saturation by 10% instead.

■ 050DB7

■ 050DB7

FFFFFF

■ 00009B

■ 6543F1

■ 000080

■ 855CFF

■ 000066

■ A476FF

■ 000A4D

■ C391FF

■ 000535

■ E2ACFF

■ 00021F

■ FFC8FF

■ 000002

■ FFE4FF

■ 000000

■ 050DB7

■ 050DB7

■ 0008B7

■ 171EB7

■ 2A30B7

■ 3C41B7

■ 4E53B7

■ 6164B7

■ 7376B7

■ 8587B7

■ 9799B7

■ AAAAB7

Harmonies

Analogous

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



0043D5



050DB7



910077

Triad

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



050DB7



720900



004C43

Complementary

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



050DB7



B7AF05

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.



004A00



050DB7



373900

Square

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



050DB7



9A0000



004600



004F90

Rectangle

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



050DB7



A70046



004600



004B29

Sweetspot

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



050DB7



A8ABED



05B7AE



4E5078



F7F7F7



787878

Same Dimension

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



050DB7



000BED



5505B7



53535C



00079C



00011C

Inverse Universe

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



B7050D



ED000B



67B705



5C5353



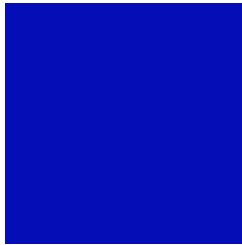
9C0007



1C0001

Previews

White Background



This preview shows how the Hex color 050DB7 looks on a white background.

Color Contrast Check

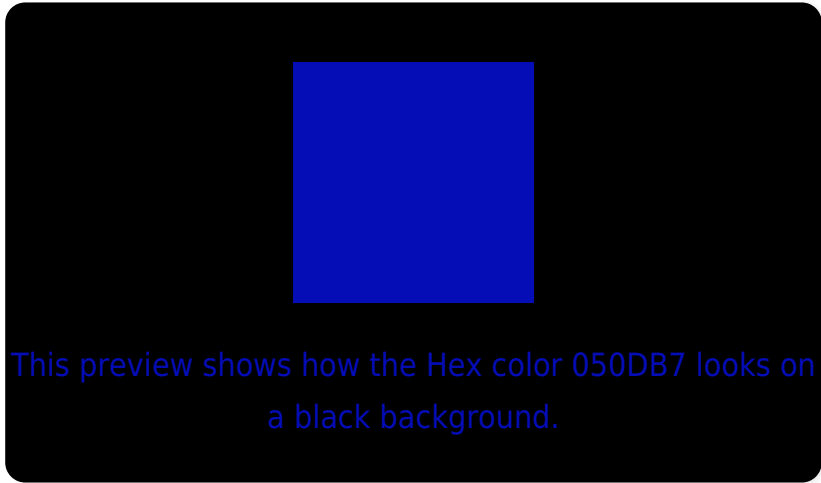
Large Text (above 18pt) WCAG AA ✓ Pass

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

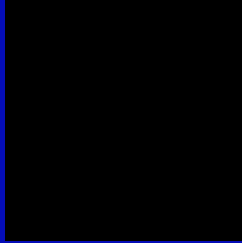
Any Text WCAG AA × Fail

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 050DB7 Background



This preview shows how black text looks on a background with the Hex color 050DB7.



This preview shows how white text looks on a background with the Hex color 050DB7.

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
050DB7

Protanopia
003672

Deuteranopia
003A60



Tritanopia
003E41

Trichromacy



Original Color
050DB7

Protanomaly
02278B

Deuteranomaly
022A80

Tritanomaly
022C6C

Monochromacy



Original Color
050DB7

Achromatopsia
1E1E1E

Achromatomaly
151856

CSS Examples

Text

The CSS property to change the color of the text to Hex 050DB7 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 #050DB7 looks like.

```
.text, #text, p{  
    color:#050DB7  
}
```

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 #050DB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050DB7
}
```

Border

The CSS property to change the border of an element to Hex 050DB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

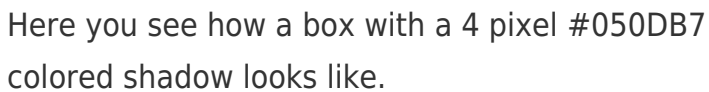
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#050DB7 }
```

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

```
.border{ border-color:#050DB7 }
```

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



Here you see how a box with a 4 pixel #050DB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050DB7; -webkit-box-shadow:4px 4px  
4px 4px #050DB7; box-shadow:4px 4px 4px  
4px #050DB7 }
```

Background

The CSS property to change the background color of an element to Hex 050DB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050DB7 }
```

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

```
.background{ background-color:#050DB7 }
```

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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