

Converting Colors

Hex(051AD4)

Have a look what the booklet for
Hex(051AD4) contains.

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Color

Hex(051AD4)

Conversions

Conversions Part 1

Format	Color
Hex	051AD4
RGB	5, 26, 212
RGB Percent	2%, 10%, 83%
CMY	0.9804, 0.8980, 0.1686
CMYK	0.98, 0.88, 0.00, 0.17
HSL	234°, 95%, 43%
HSV	234°, 98%, 83%
XYZ	12.3156, 5.5245, 62.7046
YIQ	40.9250, -72.2220, 53.3940

Conversions

Conversions Part 2

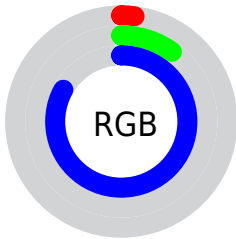
Format	Color
RYB	5, 24, 212
Decimal	334548
CIELab	28.18, 62.58, -90.22
CIELCh	28, 109.805, 304.747
Yxy	5.5245, 0.1529, 0.0686
Android (android.graphics.Color)	4278524628 (0xFF051AD4)
YUV	40.9250, 84.3400, -31.5062
Hunter-Lab	23.5043, 52.3969, -141.7204

Details

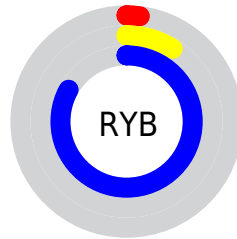
The Hex color **051AD4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **D4BF05**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6C4EFF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **0016D4**, and if you desaturate by 10%, it is **1A2DD4**.

Distribution



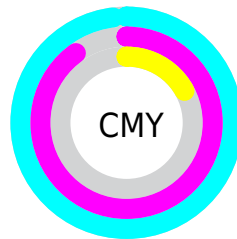
- Red (2%)
- Green (10%)
- Blue (83%)



- Red (2%)
- Yellow (9%)
- Blue (83%)



- Cyan (98%)
- Magenta (88%)
- Yellow (0%)
- Black (17%)



- Cyan (98%)
- Magenta (90%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 051AD4 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 051AD4 by changing the saturation by 10% instead.

051AD4

051AD4

FFFFFF

0000B7

6C4EFF

00009C

8E68FF

000081

AE82FF

000866

CE9DFF

000A4D

EEB9FF

000535

FFD5FF

00021F

FFF2FF

000002

000000

■ 051AD4

■ 051AD4

■ 0016D4

■ 1A2DD4

■ 2F40D4

■ 4553D4

■ 5A66D4

■ 6F79D4

■ 848CD4

■ 999FD4

■ AFB2D4

■ C4C5D4

Harmonies

Analogous

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



0050F5



051AD4



A7008D

Triad

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



051AD4



881000



005B4F

Complementary

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



051AD4



D4BF05

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.



005800



051AD4



464500

Square

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



051AD4



B50000



005400



005EA4

Rectangle

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



051AD4



C10056



005400



005A31

Sweetspot

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



051AD4



B5BDFE



05D4BC



535780



000000



808080

Same Dimension

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



051AD4



001AFF



5405D4



60616B



0011AB



00042B

Inverse Universe

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



D4051A



FF001A



85D405



6B6061



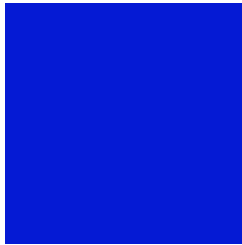
AB0011



2B0004

Previews

White Background



This preview shows how the Hex color 051AD4 looks on a white background.

Color Contrast Check

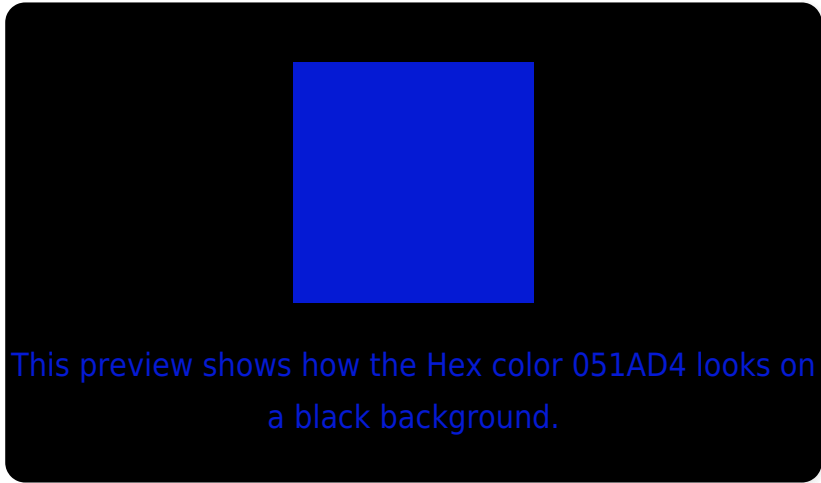
Large Text (above 18pt) WCAG AA ✓ Pass

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

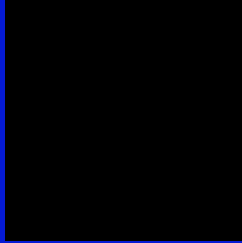
Any Text WCAG AA × Fail

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 051AD4 Background



This preview shows how black text looks on a background with the Hex color 051AD4.



This preview shows how white text looks on a background with the Hex color 051AD4.

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
051AD4

Protanopia
004187

Deuteranopia
004573



Tritanopia
004A4E

Trichromacy



Original Color
051AD4

Protanomaly
0233A3

Deuteranomaly
023596

Tritanomaly
02397F

Monochromacy



Original Color
051AD4

Achromatopsia
292929

Achromatomaly
1C2467

CSS Examples

Text

The CSS property to change the color of the text to Hex 051AD4 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 #051AD4 looks like.

```
.text, #text, p{  
    color:#051AD4  
}
```

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 #051AD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #051AD4
}
```

Border

The CSS property to change the border of an element to Hex 051AD4 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
#051AD4 }
```

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

```
.border{ border-color:#051AD4 }
```

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

Here you see how a box with a 4 pixel #051AD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #051AD4; -webkit-box-shadow:4px 4px  
4px 4px #051AD4; box-shadow:4px 4px 4px  
4px #051AD4 }
```

Background

The CSS property to change the background color of an element to Hex 051AD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#051AD4 }
```

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

```
.background{ background-color:#051AD4 }
```

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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