

Converting Colors

Hex(0509ED)

Have a look what the booklet for
Hex(0509ED) contains.

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Color

Hex(0509ED)

Conversions

Conversions Part 1

Format	Color
Hex	0509ED
RGB	5, 9, 237
RGB Percent	2%, 4%, 93%
CMY	0.9804, 0.9647, 0.0706
CMYK	0.98, 0.96, 0.00, 0.07
HSL	239°, 96%, 47%
HSV	239°, 98%, 93%
XYZ	15.4463, 6.3421, 80.5308
YIQ	33.7960, -75.5720, 70.0600

Conversions

Conversions Part 2

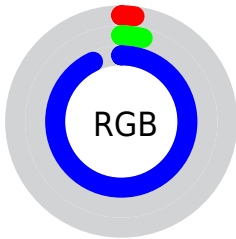
Format	Color
R_{YB}	5, 9, 237
Decimal	330221
CIE _{Lab}	30.26, 73.46, -101.11
CIE _{LCh}	30, 124.980, 306.000
Yxy	6.3421, 0.1510, 0.0620
Android (android.graphics.Color)	4278520301 (0xFF0509ED)
YUV	33.7960, 100.1796, -25.2541
Hunter-Lab	25.1835, 65.4124, -171.9671

Details

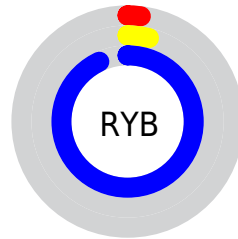
The Hex color **0509ED** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **EDE905**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **7548FF**, and **0000B3** is the 20% darker color. If you saturate the color by 10%, you get **0004ED**, and if you desaturate by 10%, it is **1D20ED**.

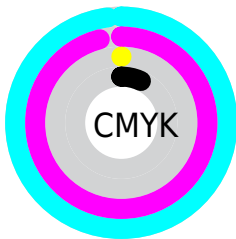
Distribution



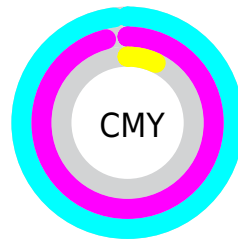
- Red (2%)
- Green (4%)
- Blue (93%)



- Red (2%)
- Yellow (4%)
- Blue (93%)



- Cyan (98%)
- Magenta (96%)
- Yellow (0%)
- Black (7%)



- Cyan (98%)
- Magenta (96%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0509ED 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 0509ED by changing the saturation by 10% instead.

 0509ED

 0509ED

FFFFFF

 0000D0

 7548FF

 0000B3

 9863FF

 000097

 B97EFF

 00027C

 DA9AFF

 000F62

 FAB6FF

 000949

 FFD2FF

 000432

 FFEFFF

 00011C

 000000

■ 0509ED

■ 0509ED

■ 0004ED

■ 1D20ED

■ 3438ED

■ 4C4FED

■ 6466ED

■ 7C7DED

■ 9395ED

■ ABACED

■ C3C3ED

■ DADBED

Harmonies

Analogous

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



0057FF



0509ED



BD0099

Triad

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



0509ED



920C00



00625A

Complementary

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



0509ED



EDE905

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.



005F00



0509ED



464B00

Square

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



0509ED



C70000



005B00



0066BC

Rectangle

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



0509ED



D9005A



005B00



006137

Sweetspot

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



0509ED



B5B6FF



05EDE5



535480



000000



808080

Same Dimension

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



0509ED



0004FF



7105ED



6A6A75



0003B5



000136

Inverse Universe

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



ED0509



FF0004



81ED05



756A6A



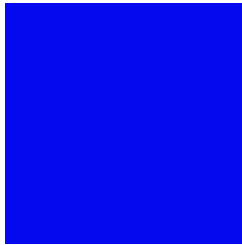
B50003



360001

Previews

White Background



This preview shows how the Hex color 0509ED looks on a white background.

Color Contrast Check

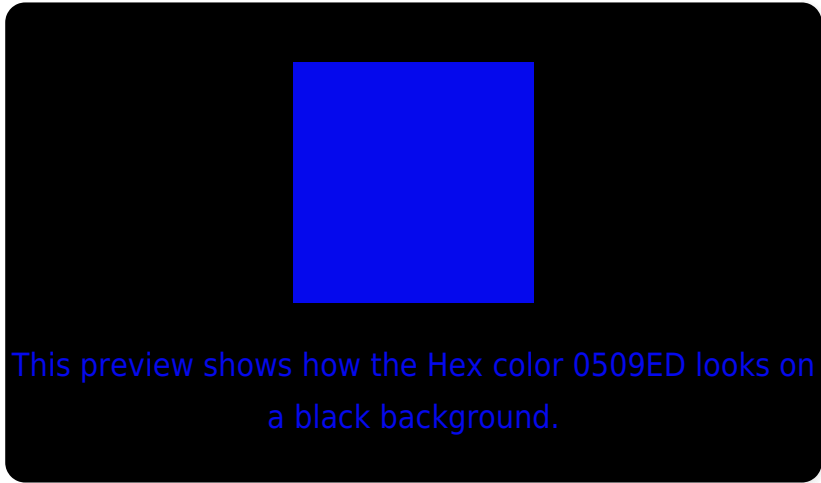
Large Text (above 18pt) WCAG AA ✓ Pass

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

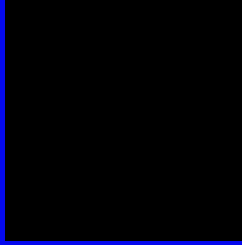
Any Text WCAG AA × Fail

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 0509ED Background



This preview shows how black text looks on a background with the Hex color 0509ED.



This preview shows how white text looks on a background with the Hex color 0509ED.

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



Trichromacy



Original Color
0509ED

Protanomaly
022FB3

Tritanomaly
02368B

Monochromacy



Original Color
0509ED

Achromatopsia
222222

Achromatomaly
17196C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0509ED 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 #0509ED looks like.

```
.text, #text, p{  
    color:#0509ED  
}
```

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 #0509ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0509ED
}
```

Border

The CSS property to change the border of an element to Hex 0509ED 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
#0509ED }
```

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

```
.border{ border-color:#0509ED }
```

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

Here you see how a box with a 4 pixel #0509ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0509ED; -webkit-box-shadow:4px 4px  
4px 4px #0509ED; box-shadow:4px 4px 4px  
4px #0509ED }
```

Background

The CSS property to change the background color of an element to Hex 0509ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0509ED }
```

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

```
.background{ background-color:#0509ED }
```

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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