

Converting Colors

Hex(0041ED)

Have a look what the booklet for
Hex(0041ED) contains.

Hex(0041ED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0041ED)

Conversions

Conversions Part 1

Format	Color
Hex	0041ED
RGB	0, 65, 237
RGB Percent	0%, 25%, 93%
CMY	1.0000, 0.7451, 0.0706
CMYK	1.00, 0.73, 0.00, 0.07
HSL	224°, 100%, 46%
HSV	224°, 100%, 93%
XYZ	17.1764, 9.8950, 81.1254
YIQ	65.1730, -93.9520, 39.7120

Conversions

Conversions Part 2

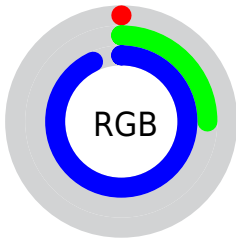
Format	Color
RYB	0, 51, 237
Decimal	16877
CIELab	37.65, 51.42, -88.81
CIELCh	38, 102.619, 300.071
Yxy	9.8950, 0.1588, 0.0915
Android (android.graphics.Color)	4278206957 (0xFF0041ED)
YUV	65.1730, 84.7107, -57.1567
Hunter-Lab	31.4563, 42.4192, -130.8885

Details

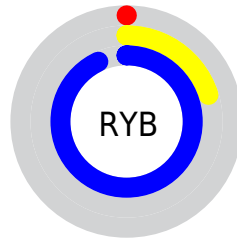
The Hex color **0041ED** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EDAC00**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **7072FF**, and **0016B4** is the 20% darker color. If you saturate the color by 10%, you get **0041ED**, and if you desaturate by 10%, it is **1852ED**.

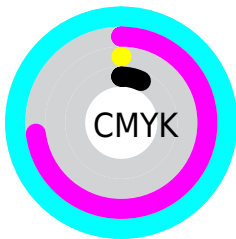
Distribution



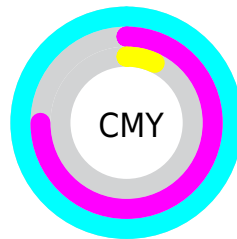
- Red (0%)
- Green (25%)
- Blue (93%)



- Red (0%)
- Yellow (20%)
- Blue (93%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (75%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0041ED 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 0041ED by changing the saturation by 10% instead.

 0041ED

 0041ED

FFFFFF

 002AD0

 7072FF

 0016B4

 928BFF

 000598

 B3A6FF

 00007D

 D3C1FF

 000F63

 F3DDFF

 00094A

 FFFAFF

 000432

 00021C

 000000

 0041ED

 1852ED

 2F63ED

 4775ED

 5F86ED

 7697ED

 8EA8ED

 A6B9ED

 BECBED

 D5DCED

Harmonies

Analogous

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



0067FF



0041ED



B400AE

Triad

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



0041ED



AA2600



007457

Complementary

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



0041ED



EDAC00

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.



007100



0041ED



6D5700

Square

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



0041ED



D3000C



006A00



0076AC

Rectangle

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



0041ED



D40078



006A00



007339

Sweetspot

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



0041ED



B3C7FF



00EDAA



525E80



000000



808080

Same Dimension

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



0041ED



0046FF



3300ED



6A6D75



0032B5



000F36

Inverse Universe

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



ED0041



FF0046



BAED00



756A6D



B50032



36000F

Previews

White Background



This preview shows how the Hex color 0041ED looks on a white background.

Color Contrast Check

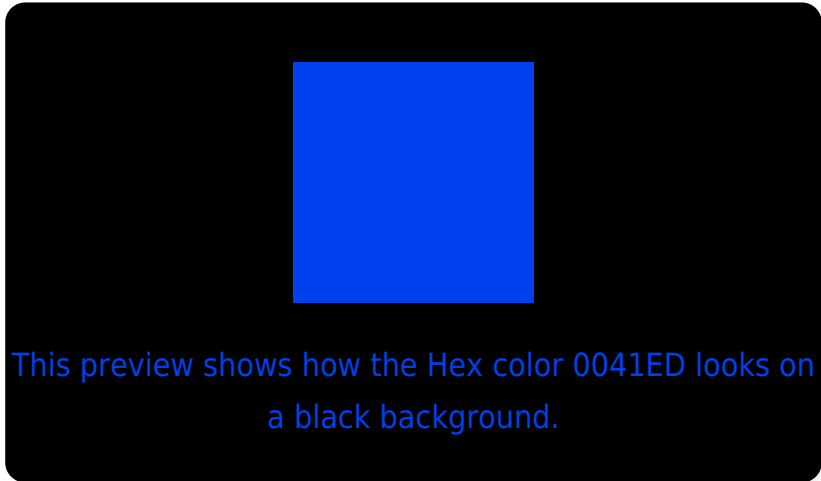
Large Text (above 18pt) WCAG AA ✓ Pass

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

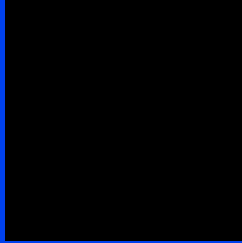
Any Text WCAG AA × Fail

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 0041ED Background



This preview shows how black text looks on a background with the Hex color 0041ED.



This preview shows how white text looks on a background with the Hex color 0041ED.

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
0041ED

Protanopia
0055B3

Deuteranopia
005B98

Trichromacy



Original Color
0041ED

Protanomaly
004EC8

Deuteranomaly
0052B7

Monochromacy



Original Color
0041ED

Achromatopsia
414141

Achromatomaly
294180

CSS Examples

Text

The CSS property to change the color of the text to Hex 0041ED 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 #0041ED looks like.

```
.text, #text, p{  
    color:#0041ED  
}
```

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 #0041ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0041ED
}
```

Border

The CSS property to change the border of an element to Hex 0041ED 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
#0041ED }
```

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

```
.border{ border-color:#0041ED }
```

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

Here you see how a box with a 4 pixel #0041ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0041ED; -webkit-box-shadow:4px 4px  
4px 4px #0041ED; box-shadow:4px 4px 4px  
4px #0041ED }
```

Background

The CSS property to change the background color of an element to Hex 0041ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0041ED }
```

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

```
.background{ background-color:#0041ED }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor