

Converting Colors

Hex(0041EA)

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

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Color

Hex(0041EA)

Conversions

Conversions Part 1

Format	Color
Hex	0041EA
RGB	0, 65, 234
RGB Percent	0%, 25%, 92%
CMY	1.0000, 0.7451, 0.0824
CMYK	1.00, 0.72, 0.00, 0.08
HSL	223°, 100%, 46%
HSV	223°, 100%, 92%
XYZ	16.7416, 9.7211, 78.8359
YIQ	64.8310, -92.9890, 38.7790

Conversions

Conversions Part 2

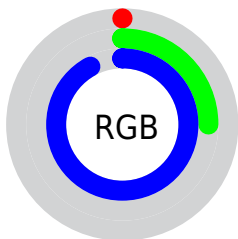
Format	Color
RYB	0, 51, 234
Decimal	16874
CIELab	37.34, 50.38, -87.63
CIELCh	37, 101.079, 299.894
Yxy	9.7211, 0.1590, 0.0923
Android (android.graphics.Color)	4278206954 (0xFF0041EA)
YUV	64.8310, 83.4003, -56.8568
Hunter-Lab	31.1787, 41.2839, -128.0908

Details

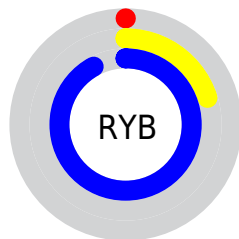
The Hex color **0041EA** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **EAA900**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6F72FF**, and **0016B1** is the 20% darker color. If you saturate the color by 10%, you get **0041EA**, and if you desaturate by 10%, it is **1752EA**.

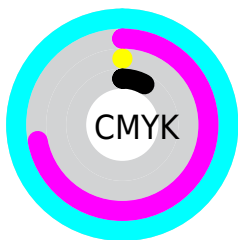
Distribution



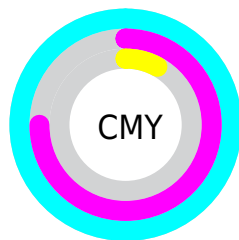
- Red (0%)
- Green (25%)
- Blue (92%)



- Red (0%)
- Yellow (20%)
- Blue (92%)



- Cyan (100%)
- Magenta (72%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (75%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 0041EA

 0041EA

FFFFFF

 002BCD

 6F72FF

 0016B1

 918BFF

 000695

 B2A6FF

 00007A

 D2C1FF

 000F60

 F2DDFF

 000847

 FFFAFF

 000430

 00011A

 000000

 0041EA

 1752EA

 2F63EA

 4674EA

 5E85EA

 7595EA

 8CA6EA

 A4B7EA

 BBC8EA

 D3D9EA

Harmonies

Analogous

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



0066FF



0041EA



B100AC

Triad

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



0041EA



A92600



007356

Complementary

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



0041EA



EAA900

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.



007000



0041EA



6C5600

Square

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



0041EA



D1000D



006800



0075A9

Rectangle

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



0041EA



D20077



006800



007238

Sweetspot

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



0041EA



B3C8FF



00EAA8



525E80



000000



808080

Same Dimension

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



0041EA



0047FF



3300EA



6A6D75



0032B5



000F36

Inverse Universe

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



EA0041



FF0047



B7EA00



756A6D



B50032



36000F

Previews

White Background



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

Color Contrast Check

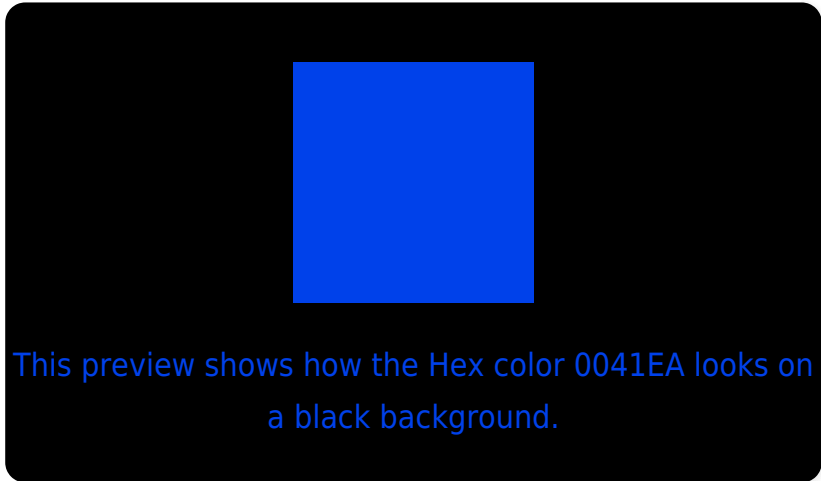
Large Text (above 18pt) WCAG AA ✓ Pass

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

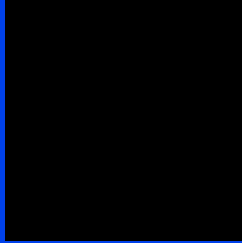
Any Text WCAG AA × Fail

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 0041EA Background



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



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

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
0041EA

Protanopia
0054B1

Deuteranopia
005A97

Trichromacy



Original Color
0041EA

Protanomaly
004DC6

Deuteranomaly
0051B5

Tritanomaly
005596

Monochromacy



Original Color
0041EA

Achromatopsia
414141

Achromatomaly
29417E

CSS Examples

Text

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

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

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 #0041EA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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