

Converting Colors

Hex(0035E4)

Have a look what the booklet for
Hex(0035E4) contains.

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Color

Hex(0035E4)

Conversions

Conversions Part 1

Format	Color
Hex	0035E4
RGB	0, 53, 228
RGB Percent	0%, 21%, 89%
CMY	1.0000, 0.7922, 0.1059
CMYK	1.00, 0.77, 0.00, 0.11
HSL	226°, 100%, 45%
HSV	226°, 100%, 89%
XYZ	15.2767, 8.1476, 74.1663
YIQ	57.1030, -87.7630, 43.1890

Conversions

Conversions Part 2

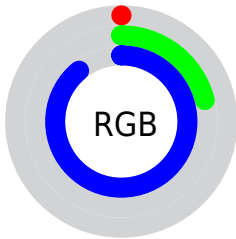
Format	Color
R _Y B	0, 43, 228
Decimal	13796
CIE Lab	34.29, 55.09, -89.27
CIE LCh	34, 104.900, 301.681
Yxy	8.1476, 0.1565, 0.0835
Android (android.graphics.Color)	4278203876 (0xFF0035E4)
YUV	57.1030, 84.2522, -50.0793
Hunter-Lab	28.5441, 45.5805, -134.0728

Details

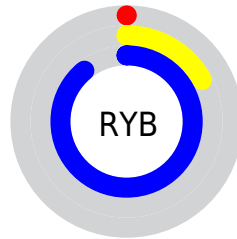
The Hex color **0035E4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E4AF00**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **6E66FF**, and **0007AB** is the 20% darker color. If you saturate the color by 10%, you get **0035E4**, and if you desaturate by 10%, it is **1747E4**.

Distribution



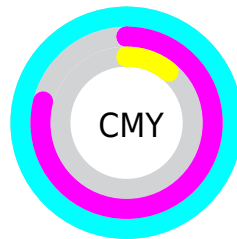
- Red (0%)
- Green (21%)
- Blue (89%)



- Red (0%)
- Yellow (17%)
- Blue (89%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (79%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0035E4 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 0035E4 by changing the saturation by 10% instead.

 0035E4

 0035E4

FFFFFF

 001EC7

 6E66FF

 0007AB

 907FFF

 00008F

 B19AFF

 000075

 D1B5FF

 000D5B

 F1D1FF

 000742

 FFEDFF

 00032B

 000115

 000000

 0035E4

 1747E4

 2E58E4

 446AE4

 5B7BE4

 728DE4

 899EE4

 A0B0E4

 B6C1E4

 CDD3E4

Harmonies

Analogous

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



005FFF



0035E4



AF00A2

Triad

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



0035E4



9E1F00



006B54

Complementary

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



0035E4



E4AF00

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.



006800



0035E4



5F5000

Square

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



0035E4



C80000



006200



006DA9

Rectangle

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



0035E4



CE006C



006200



006A36

Sweetspot

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



0035E4



B3C4FF



00E4AF



525C80



000000



808080

Same Dimension

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



0035E4



003BFF



3D00E4



676A73



0029B3



000C33

Inverse Universe

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



E40035



FF003B



A7E400



73676A



B30029



33000C

Previews

White Background



This preview shows how the Hex color 0035E4 looks on a white background.

Color Contrast Check

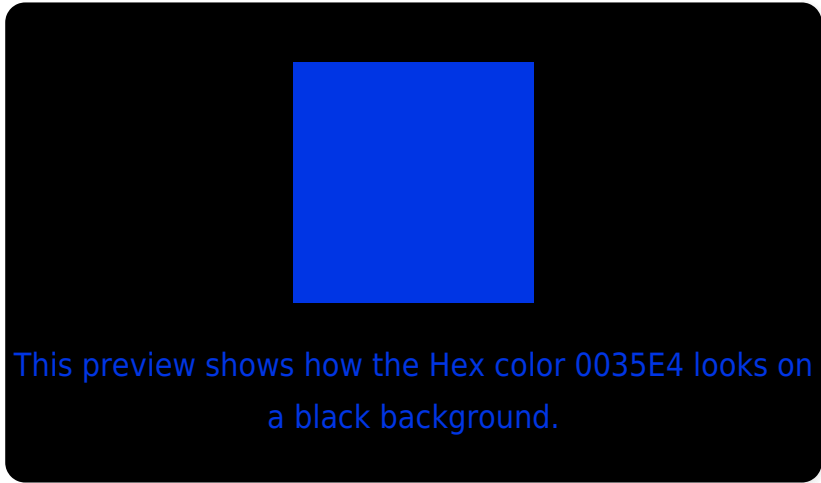
Large Text (above 18pt) WCAG AA ✓ Pass

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

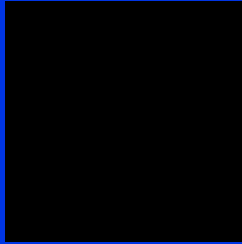
Any Text WCAG AA × Fail

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 0035E4 Background



This preview shows how black text looks on a background with the Hex color 0035E4.



This preview shows how white text looks on a background with the Hex color 0035E4.

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
0035E4

Protanopia
004DA3

Deuteranopia
00538A

Trichromacy



Original Color
0035E4

Protanomaly
0044BB

Deuteranomaly
0048AB

Tritanomaly
004C8F

Monochromacy



Original Color
0035E4

Achromatopsia
393939

Achromatomaly
243877

CSS Examples

Text

The CSS property to change the color of the text to Hex 0035E4 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 #0035E4 looks like.

```
.text, #text, p{  
    color:#0035E4  
}
```

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 #0035E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0035E4
}
```

Border

The CSS property to change the border of an element to Hex 0035E4 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".

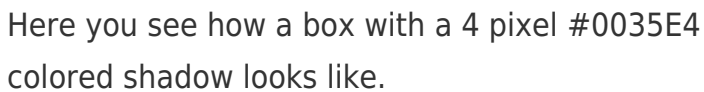
```
.border, #border, table{ border:4px solid
#0035E4 }
```

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

```
.border{ border-color:#0035E4 }
```

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

Here you see how a box with a 4 pixel #0035E4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0035E4; -webkit-box-shadow:4px 4px  
4px 4px #0035E4; box-shadow:4px 4px 4px  
4px #0035E4 }
```

Background

The CSS property to change the background color of an element to Hex 0035E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0035E4 }
```

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

```
.background{ background-color:#0035E4 }
```

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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