

Converting Colors

Hex(0047E3)

Have a look what the booklet for
Hex(0047E3) contains.

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Color

Hex(0047E3)

Conversions

Conversions Part 1

Format	Color
Hex	0047E3
RGB	0, 71, 227
RGB Percent	0%, 28%, 89%
CMY	1.0000, 0.7216, 0.1098
CMYK	1.00, 0.69, 0.00, 0.11
HSL	221°, 100%, 45%
HSV	221°, 100%, 89%
XYZ	16.1184, 10.0525, 73.7638
YIQ	67.5550, -92.3920, 33.4640

Conversions

Conversions Part 2

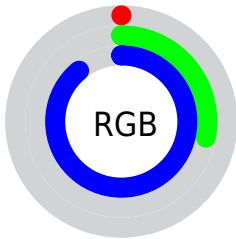
Format	Color
RYB	0, 54, 227
Decimal	18403
CIELab	37.94, 44.27, -82.66
CIELCh	38, 93.769, 298.173
Yxy	10.0525, 0.1613, 0.1006
Android (android.graphics.Color)	4278208483 (0xFF0047E3)
YUV	67.5550, 78.6064, -59.2457
Hunter-Lab	31.7057, 35.2598, -115.7451

Details

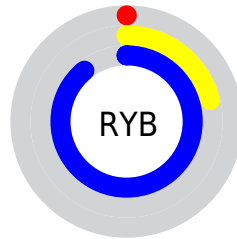
The Hex color **0047E3** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E39C00**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6C77FF**, and **001CAA** is the 20% darker color. If you saturate the color by 10%, you get **0047E3**, and if you desaturate by 10%, it is **1757E3**.

Distribution



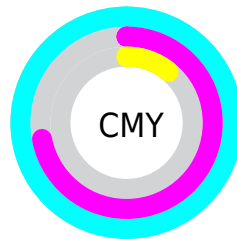
- Red (0%)
- Green (28%)
- Blue (89%)



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



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (72%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0047E3 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 0047E3 by changing the saturation by 10% instead.

 0047E3

 0047E3

FFFFFF

 0031C6

 6C77FF

 001CAA

 8E91FF

 000C8F

 AEACFF

 000074

 CEC7FF

 000D5A

 EDE3FF

 000742

 00032B

 000115

 000000

■ 0047E3

■ 1757E3

■ 2D66E3

■ 4476E3

■ 5B85E3

■ 7295E3

■ 88A5E3

■ 9FB4E3

■ B6C4E3

■ CCD3E3

Harmonies

Analogous

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



0067F6



0047E3



A900AB

Triad

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



0047E3



A92A00



007353

Complementary

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



0047E3



E39C00

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



0047E3



725600

Square

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



0047E3



CD0018



196800



0075A0

Rectangle

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



0047E3



CA007B



196800



007337

Sweetspot

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



0047E3



B3CAFF



00E39B



526080



000000



808080

Same Dimension

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



0047E3



0050FF



2A00E3



676B73



0038B3



001033

Inverse Universe

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



E30047



FF0050



B9E300



73676B



B30038



330010

Previews

White Background



This preview shows how the Hex color 0047E3 looks on a white background.

Color Contrast Check

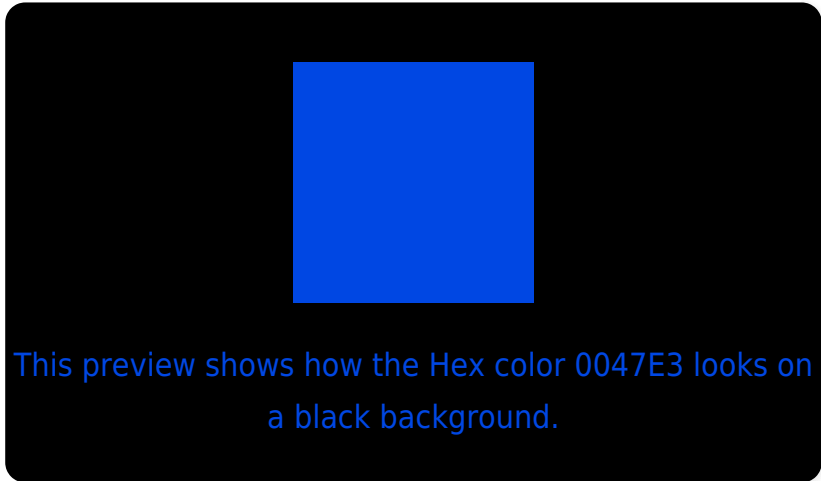
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

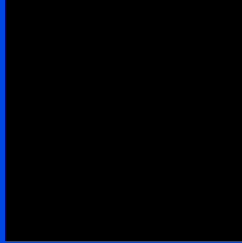
Any Text WCAG AA × Fail

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 0047E3 Background



This preview shows how black text looks on a background with the Hex color 0047E3.

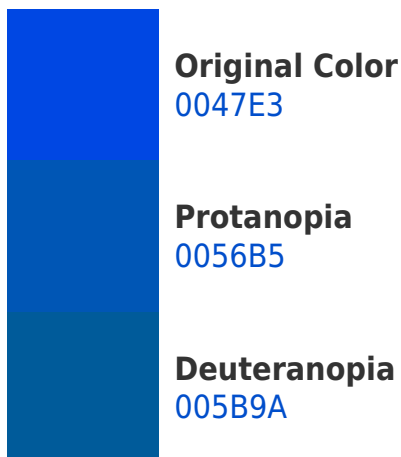


This preview shows how white text looks on a background with the Hex color 0047E3.

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
0047E3

Protanomaly
0051C6

Deuteranomaly
0054B5

Tritanomaly
005995

Monochromacy



Original Color
0047E3

Achromatopsia
444444

Achromatomaly
2B457E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0047E3 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 #0047E3 looks like.

```
.text, #text, p{  
    color:#0047E3  
}
```

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 #0047E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0047E3
}
```

Border

The CSS property to change the border of an element to Hex 0047E3 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
#0047E3 }
```

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

```
.border{ border-color:#0047E3 }
```

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

Here you see how a box with a 4 pixel #0047E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0047E3; -webkit-box-shadow:4px 4px  
4px 4px #0047E3; box-shadow:4px 4px 4px  
4px #0047E3 }
```

Background

The CSS property to change the background color of an element to Hex 0047E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0047E3 }
```

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

```
.background{ background-color:#0047E3 }
```

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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