

Converting Colors

Hex(0055E3)

Have a look what the booklet for
Hex(0055E3) contains.

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Color

Hex(0055E3)

Conversions

Conversions Part 1

Format	Color
Hex	0055E3
RGB	0, 85, 227
RGB Percent	0%, 33%, 89%
CMY	1.0000, 0.6667, 0.1098
CMYK	1.00, 0.63, 0.00, 0.11
HSL	218°, 100%, 45%
HSV	218°, 100%, 89%
XYZ	17.1136, 12.0431, 74.0956
YIQ	75.7730, -96.2420, 26.1420

Conversions

Conversions Part 2

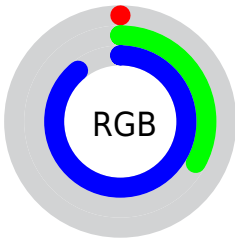
Format	Color
RYB	0, 62, 227
Decimal	21987
CIELab	41.28, 35.42, -77.15
CIELCh	41, 84.894, 294.662
Yxy	12.0431, 0.1657, 0.1166
Android (android.graphics.Color)	4278212067 (0xFF0055E3)
YUV	75.7730, 74.5549, -66.4529
Hunter-Lab	34.7031, 27.2958, -102.2996

Details

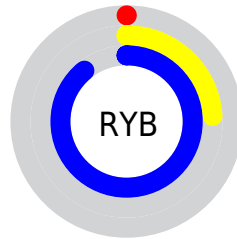
The Hex color **0055E3** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E38E00**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6B86FF**, and **002AAA** is the 20% darker color. If you saturate the color by 10%, you get **0055E3**, and if you desaturate by 10%, it is **1763E3**.

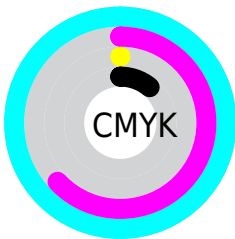
Distribution



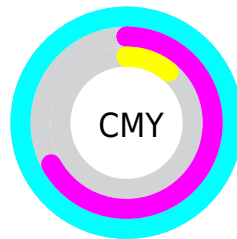
- Red (0%)
- Green (33%)
- Blue (89%)



- Red (0%)
- Yellow (24%)
- Blue (89%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (67%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0055E3 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 0055E3 by changing the saturation by 10% instead.

 0055E3

 0055E3

FFFFFF

 003EC6

 6B86FF

 002AAA

 8CA0FF

 00178F

 ACBBFF

 000075

 CCD7FF

 000D5B

 EBF3FF

 000742

 00032B

 000115

 000000

■ 0055E3

■ 1763E3

■ 2D71E3

■ 4480E3

■ 5B8EE3

■ 729CE3

■ 88AAE3

■ 9FB8E3

■ B6C7E3

■ CCD5E3

Harmonies

Analogous

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



006FEF



0055E3



A51CB4

Triad

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



0055E3



B33400



007B52

Complementary

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



0055E3



E38E00

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.



007700



0055E3



825B00

Square

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



0055E3



D1002D



3E6E00



007D9A

Rectangle

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



0055E3



C70088



3E6E00



007A39

Sweetspot

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



0055E3



B3CFFF



00E38C



526380



000000



808080

Same Dimension

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



0055E3



005FFF



1A00E3



676C73



0043B3



001333

Inverse Universe

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



E30055



FF005F



C9E300



73676C



B30043



330013

Previews

White Background



This preview shows how the Hex color 0055E3 looks on a white background.

Color Contrast Check

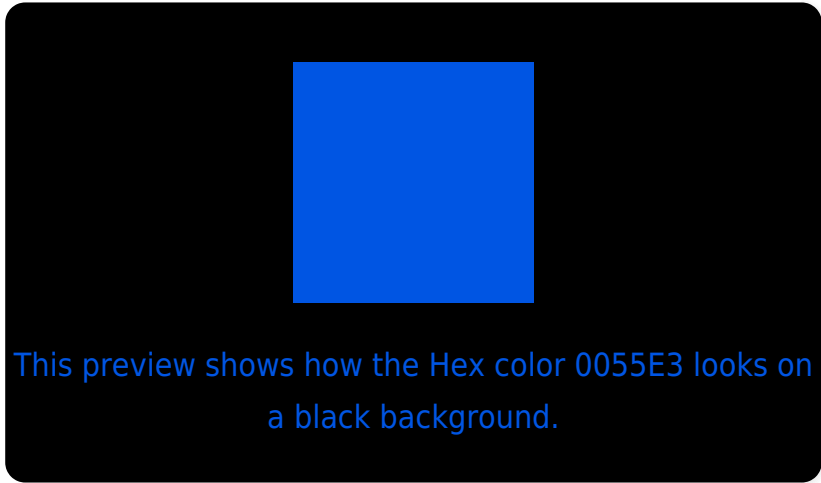
Large Text (above 18pt) WCAG AA ✓ Pass

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

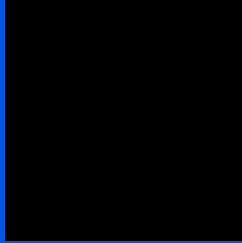
Any Text WCAG AA × Fail

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 0055E3 Background



This preview shows how black text looks on a background with the Hex color 0055E3.



This preview shows how white text looks on a background with the Hex color 0055E3.

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
0055E3

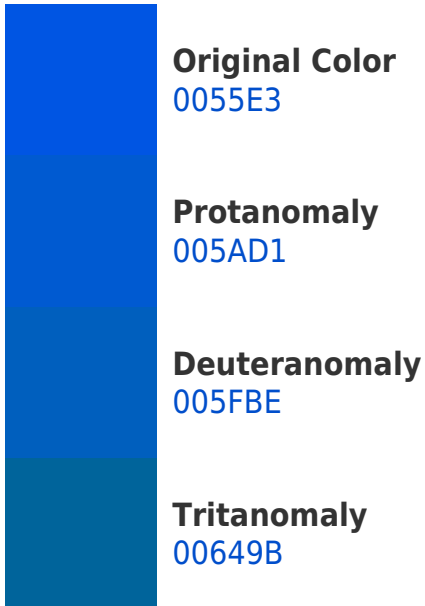
Protanopia
005DC6

Deuteranopia
0064A9



Tritanopia
006C72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0055E3 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 #0055E3 looks like.

```
.text, #text, p{  
    color:#0055E3  
}
```

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 #0055E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055E3
}
```

Border

The CSS property to change the border of an element to Hex 0055E3 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
#0055E3 }
```

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

```
.border{ border-color:#0055E3 }
```

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

Here you see how a box with a 4 pixel #0055E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055E3; -webkit-box-shadow:4px 4px  
4px 4px #0055E3; box-shadow:4px 4px 4px  
4px #0055E3 }
```

Background

The CSS property to change the background color of an element to Hex 0055E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055E3 }
```

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

```
.background{ background-color:#0055E3 }
```

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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