

Converting Colors

Hex(0055E8)

Have a look what the booklet for
Hex(0055E8) contains.

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Color

Hex(0055E8)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0055E8 |
| RGB | 0, 85, 232 |
| RGB Percent | 0%, 33%, 91% |
| CMY | 1.0000, 0.6667, 0.0902 |
| CMYK | 1.00, 0.63, 0.00, 0.09 |
| HSL | 218°, 100%, 45% |
| HSV | 218°, 100%, 91% |
| XYZ | 17.8140, 12.3232, 77.7836 |
| YIQ | 76.3430, -97.8470, 27.6970 |

Conversions

Conversions Part 2

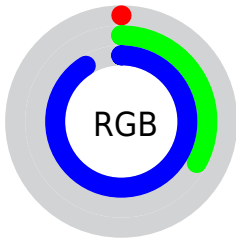
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 62, 232 |
| Decimal | 21992 |
| CIELab | 41.73, 37.32, -79.26 |
| CIELCh | 42, 87.610, 295.215 |
| Yxy | 12.3232, 0.1651, 0.1142 |
| Android (android.graphics.Color) | 4278212072 (0xFF0055E8) |
| YUV | 76.3430, 76.7389, -66.9528 |
| Hunter-Lab | 35.1044, 29.1484, -106.8005 |

Details

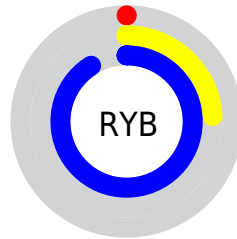
The Hex color **0055E8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E89300**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6C86FF**, and **0029AF** is the 20% darker color. If you saturate the color by 10%, you get **0055E8**, and if you desaturate by 10%, it is **1764E8**.

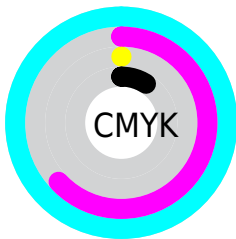
Distribution



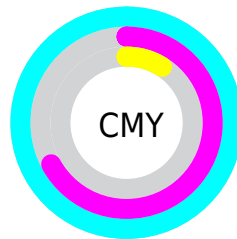
- Red (0%)
- Green (33%)
- Blue (91%)



- Red (0%)
- Yellow (24%)
- Blue (91%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0055E8 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 0055E8 by changing the saturation by 10% instead.

 0055E8

 0055E8

FFFFFF

 003ECB

 6C86FF

 0029AF

 8EA0FF

 001794

 AE BBFF

 000179

 CED7FF

 000D5F

 EE F3FF

 000846

 00042F

 000119

 000000

 0055E8

 1764E8

 2E72E8

 4681E8

 5D90E8

 749EE8

 8BADE8

 A2BCE8

 BACBE8

 D1D9E8

Harmonies

Analogous

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



0071F6



0055E8



A914B6

Triad

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



0055E8



B63400



007D54

Complementary

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



0055E8



E89300

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.



007900



0055E8



825C00

Square

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



0055E8



D5002B



3B7000



007E9F

Rectangle

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



0055E8



CC0089



3B7000



007C3A

Sweetspot

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



0055E8



B3CFFF



00E893



526280



000000



808080

Same Dimension

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



0055E8



005DFF



1F00E8



676B73



0041B3



001333

Inverse Universe

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



E80055



FF005D



C9E800



73676B



B30041



330013

Previews

White Background



This preview shows how the Hex color 0055E8 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

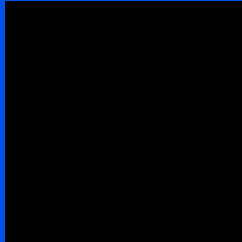
Any Text WCAG AA × Fail

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 0055E8 Background



This preview shows how black text looks on a background with the Hex color 0055E8.

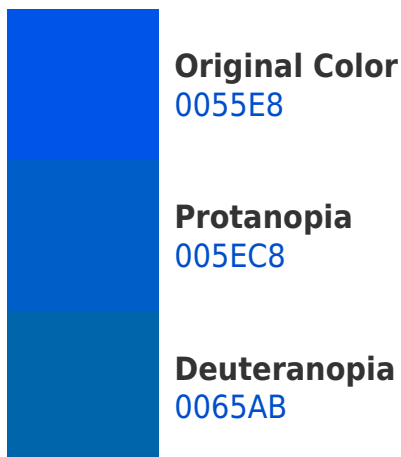


This preview shows how white text looks on a background with the Hex color 0055E8.

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





Tritanopia
006D73

Trichromacy



Original Color
0055E8

Protanomaly
005BD4

Deuteranomaly
005FC1

Tritanomaly
00649E

Monochromacy



Original Color
0055E8

Achromatopsia
4C4C4C

Achromatomaly
304F85

CSS Examples

Text

The CSS property to change the color of the text to Hex 0055E8 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 #0055E8 looks like.

```
.text, #text, p{  
    color:#0055E8  
}
```

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 #0055E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0055E8
}
```

Border

The CSS property to change the border of an element to Hex 0055E8 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
#0055E8 }
```

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

```
.border{ border-color:#0055E8 }
```

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

Here you see how a box with a 4 pixel #0055E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0055E8; -webkit-box-shadow:4px 4px  
4px 4px #0055E8; box-shadow:4px 4px 4px  
4px #0055E8 }
```

Background

The CSS property to change the background color of an element to Hex 0055E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0055E8 }
```

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

```
.background{ background-color:#0055E8 }
```

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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