

Converting Colors

Hex(0058E5)

Have a look what the booklet for
Hex(0058E5) contains.

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Color

Hex(0058E5)

Conversions

Conversions Part 1

Format	Color
Hex	0058E5
RGB	0, 88, 229
RGB Percent	0%, 35%, 90%
CMY	1.0000, 0.6549, 0.1020
CMYK	1.00, 0.62, 0.00, 0.10
HSL	217°, 100%, 45%
HSV	217°, 100%, 90%
XYZ	17.6326, 12.6366, 75.6385
YIQ	77.7620, -97.7090, 25.1950

Conversions

Conversions Part 2

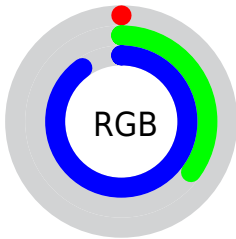
Format	Color
R _{YB}	0, 64, 229
Decimal	22757
CIE Lab	42.21, 34.26, -76.77
CIE LCh	42, 84.064, 294.049
Yxy	12.6366, 0.1665, 0.1193
Android (android.graphics.Color)	4278212837 (0xFF0058E5)
YUV	77.7620, 74.5603, -68.1973
Hunter-Lab	35.5480, 26.3310, -101.2729

Details

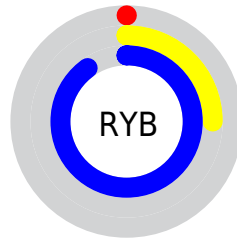
The Hex color **0058E5** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **E58D00**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6B89FF**, and **002CAC** is the 20% darker color. If you saturate the color by 10%, you get **0058E5**, and if you desaturate by 10%, it is **1766E5**.

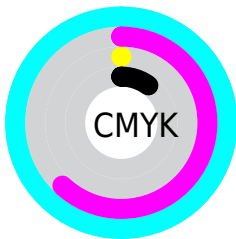
Distribution



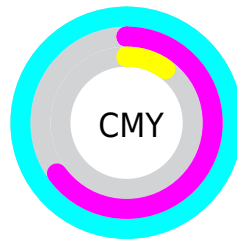
- Red (0%)
- Green (35%)
- Blue (90%)



- Red (0%)
- Yellow (25%)
- Blue (90%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (10%)




- Cyan (100%)
- Magenta (65%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0058E5 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 0058E5 by changing the saturation by 10% instead.

 0058E5

 0058E5

FFFFFF

 0041C8

 6B89FF

 002CAC

 8DA3FF

 001A91

 ADBEFF

 000476


 CCDAFF

 000D5C

 ECF6FF

 000744

 00032D

 000117

 000000

■ 0058E5

■ 1766E5

■ 2E74E5

■ 4582E5

■ 5C90E5

■ 739FE5

■ 89ADE5

■ A0BBE5

■ B7C9E5

■ CED7E5

Harmonies

Analogous

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



0072F1



0058E5



A523B7

Triad

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



0058E5



B73700



007E53

Complementary

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



0058E5



E58D00

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



0058E5



865C00

Square

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



0058E5



D30031



437000



007F9B

Rectangle

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



0058E5



C8008C



437000



007D3A

Sweetspot

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



0058E5



B3D0FF



00E589



526380



000000



808080

Same Dimension

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



0058E5



0062FF



1700E5



676C73



0045B3



001433

Inverse Universe

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



E50058



FF0062



CEE500



73676C



B30045



330014

Previews

White Background



This preview shows how the Hex color 0058E5 looks on a white background.

Color Contrast Check

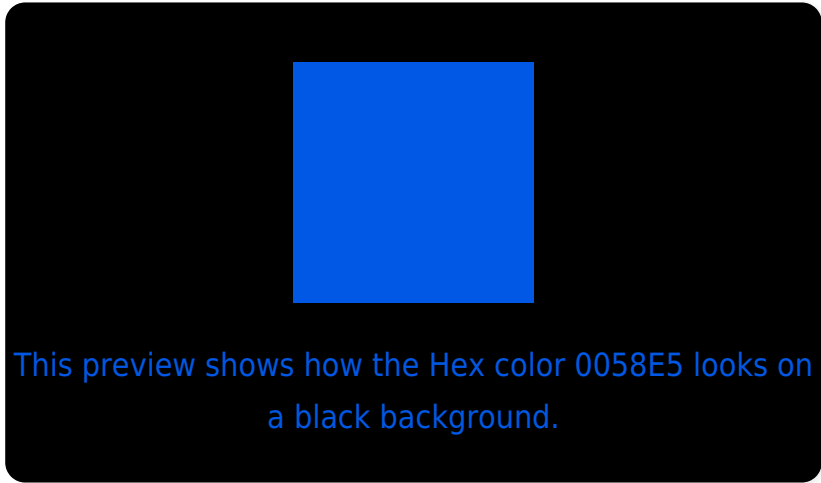
Large Text (above 18pt) WCAG AA ✓ Pass

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

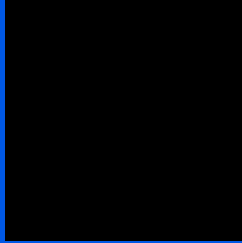
Any Text WCAG AA × Fail

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 0058E5 Background



This preview shows how black text looks on a background with the Hex color 0058E5.

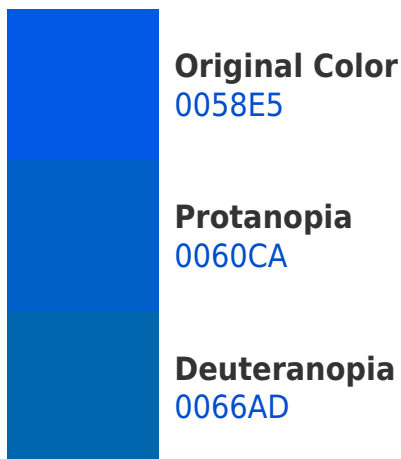


This preview shows how white text looks on a background with the Hex color 0058E5.

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](#).

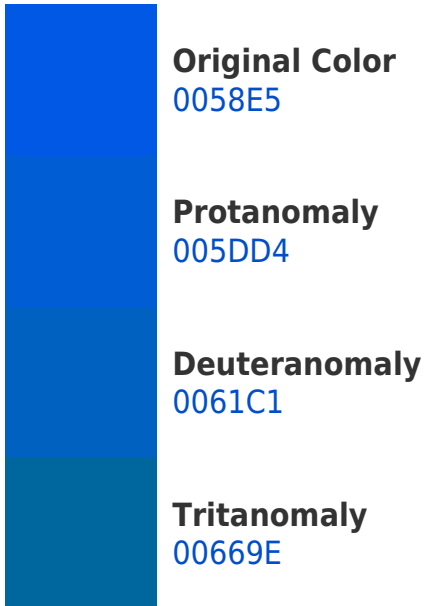
Dichromacy





Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0058E5 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 #0058E5 looks like.

```
.text, #text, p{  
    color:#0058E5  
}
```

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 #0058E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0058E5
}
```

Border

The CSS property to change the border of an element to Hex 0058E5 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
#0058E5 }
```

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

```
.border{ border-color:#0058E5 }
```

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

Here you see how a box with a 4 pixel #0058E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0058E5; -webkit-box-shadow:4px 4px  
4px 4px #0058E5; box-shadow:4px 4px 4px  
4px #0058E5 }
```

Background

The CSS property to change the background color of an element to Hex 0058E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0058E5 }
```

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

```
.background{ background-color:#0058E5 }
```

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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