

Converting Colors

Hex(0052E5)

Have a look what the booklet for
Hex(0052E5) contains.

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Color

Hex(0052E5)

Conversions

Conversions Part 1

Format	Color
Hex	0052E5
RGB	0, 82, 229
RGB Percent	0%, 32%, 90%
CMY	1.0000, 0.6784, 0.1020
CMYK	1.00, 0.64, 0.00, 0.10
HSL	219°, 100%, 45%
HSV	219°, 100%, 90%
XYZ	17.1602, 11.6917, 75.4810
YIQ	74.2400, -96.0590, 28.3330

Conversions

Conversions Part 2

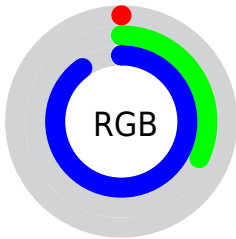
Format	Color
RYB	0, 60, 229
Decimal	21221
CIELab	40.72, 38.10, -79.21
CIELCh	41, 87.898, 295.690
Yxy	11.6917, 0.1645, 0.1121
Android (android.graphics.Color)	4278211301 (0xFF0052E5)
YUV	74.2400, 76.2967, -65.1085
Hunter-Lab	34.1932, 29.7438, -106.9468

Details

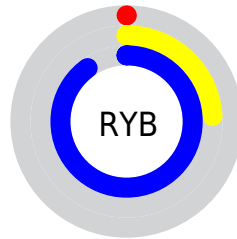
The Hex color **0052E5** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E59300**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6C83FF**, and **0027AC** is the 20% darker color. If you saturate the color by 10%, you get **0052E5**, and if you desaturate by 10%, it is **1761E5**.

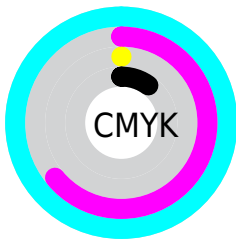
Distribution



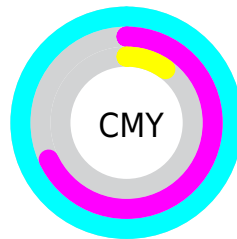
- Red (0%)
- Green (32%)
- Blue (90%)



- Red (0%)
- Yellow (24%)
- Blue (90%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (68%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0052E5 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 0052E5 by changing the saturation by 10% instead.

 0052E5

 0052E5

FFFFFF

 003BC8

 6C83FF

 0027AC

 8D9DFF

 001591

 ADB8FF

 000076

 CDD3FF

 000E5C

 EDF0FF

 000744

 00032C

 000117

 000000

■ 0052E5

■ 1761E5

■ 2E6FE5

■ 457EE5

■ 5C8DE5

■ 739CE5

■ 89AAE5

■ A0B9E5

■ B7C8E5

■ CED6E5

Harmonies

Analogous

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



006EF3



0052E5



A708B3

Triad

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



0052E5



B23200



007A53

Complementary

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



0052E5



E59300

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.



007600



0052E5



7E5A00

Square

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



0052E5



D20028



366E00



007C9D

Rectangle

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



0052E5



C90086



366E00



007939

Sweetspot

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



0052E5



B3CEFF



00E591



526280



000000



808080

Same Dimension

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



0052E5



005BFF



1F00E5



676B73



0040B3



001233

Inverse Universe

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



E50052



FF005B



C6E500



73676B



B30040



330012

Previews

White Background



This preview shows how the Hex color 0052E5 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

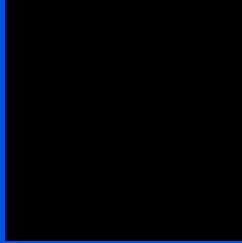
Any Text WCAG AA × Fail

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 0052E5 Background



This preview shows how black text looks on a background with the Hex color 0052E5.

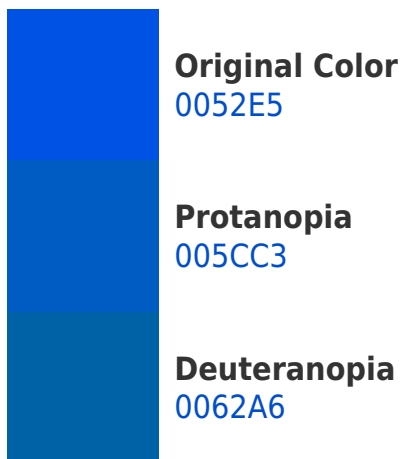


This preview shows how white text looks on a background with the Hex color 0052E5.

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
006A70

Trichromacy



Original Color
0052E5

Protanomaly
0058CF

Deuteranomaly
005CBD

Tritanomaly
00619B

Monochromacy



Original Color
0052E5

Achromatopsia
4A4A4A

Achromatomaly
2F4D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 0052E5 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 #0052E5 looks like.

```
.text, #text, p{  
    color:#0052E5  
}
```

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 #0052E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0052E5
}
```

Border

The CSS property to change the border of an element to Hex 0052E5 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
#0052E5 }
```

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

```
.border{ border-color:#0052E5 }
```

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

Here you see how a box with a 4 pixel #0052E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0052E5; -webkit-box-shadow:4px 4px  
4px 4px #0052E5; box-shadow:4px 4px 4px  
4px #0052E5 }
```

Background

The CSS property to change the background color of an element to Hex 0052E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0052E5 }
```

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

```
.background{ background-color:#0052E5 }
```

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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