

Converting Colors

Hex(0025E5)

Have a look what the booklet for
Hex(0025E5) contains.

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Color

Hex(0025E5)

Conversions

Conversions Part 1

Format	Color
Hex	0025E5
RGB	0, 37, 229
RGB Percent	0%, 15%, 90%
CMY	1.0000, 0.8549, 0.1020
CMYK	1.00, 0.84, 0.00, 0.10
HSL	230°, 100%, 45%
HSV	230°, 100%, 90%
XYZ	14.8044, 6.9803, 74.6958
YIQ	47.8250, -83.6840, 51.8680

Conversions

Conversions Part 2

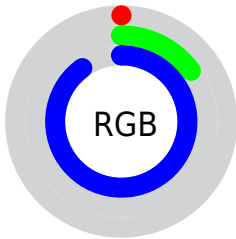
Format	Color
RYB	0, 32, 229
Decimal	9701
CIELab	31.76, 63.15, -94.04
CIELCh	32, 113.279, 303.882
Yxy	6.9803, 0.1534, 0.0723
Android (android.graphics.Color)	4278199781 (0xFF0025E5)
YUV	47.8250, 89.3193, -41.9425
Hunter-Lab	26.4202, 53.7861, -149.1318

Details

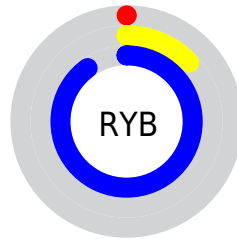
The Hex color **0025E5** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **E5C000**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7058FF**, and **0000AC** is the 20% darker color. If you saturate the color by 10%, you get **0025E5**, and if you desaturate by 10%, it is **1738E5**.

Distribution



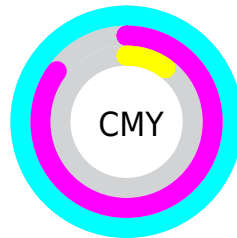
- Red (0%)
- Green (15%)
- Blue (90%)



- Red (0%)
- Yellow (13%)
- Blue (90%)



- Cyan (100%)
- Magenta (84%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (85%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0025E5 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 0025E5 by changing the saturation by 10% instead.

■ 0025E5

■ 0025E5

FFFFFF

■ 0008C8

■ 7058FF

■ 0000AC

■ 9271FF

■ 000090

■ B38CFF

■ 000275

■ D3A7FF

■ 000D5B

■ F3C3FF

■ 000743

■ FFDFFF

■ 00032C

■ FFFCFF

■ 000116

■ 000000

 0025E5

 1738E5

 2E4BE5

 455FE5

 5C72E5

 7385E5

 8998E5

 A0ABE5

 B7BFE5

 CED2E5

Harmonies

Analogous

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



005AFF



0025E5



B3009C

Triad

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



0025E5



961500



006555

Complementary

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



0025E5



E5C000

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.



006200



0025E5



524D00

Square

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



0025E5



C50000



005D00



0068AF

Rectangle

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



0025E5



D00061



005D00



006435

Sweetspot

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



0025E5



B3BFFF



00E5BF



525980



000000



808080

Same Dimension

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



0025E5



0029FF



4C00E5



676973



001DB3



000833

Inverse Universe

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



E50025



FF0029



99E500



736769



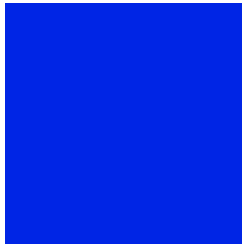
B3001D



330008

Previews

White Background



This preview shows how the Hex color 0025E5 looks on a white background.

Color Contrast Check

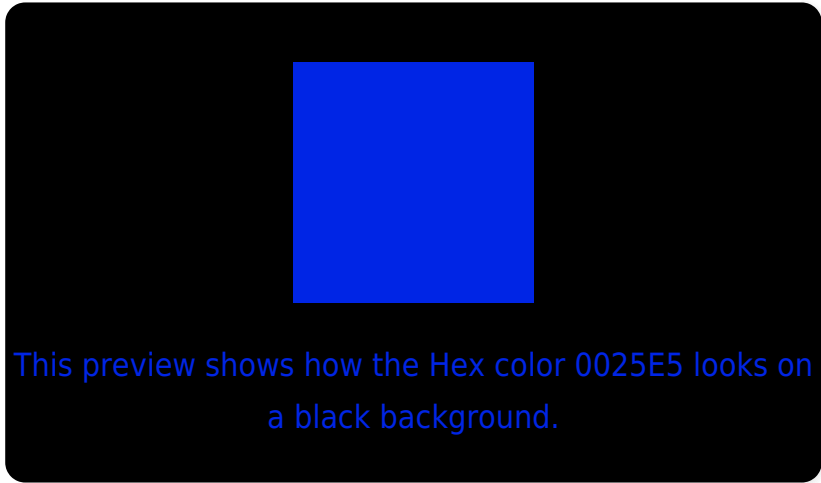
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

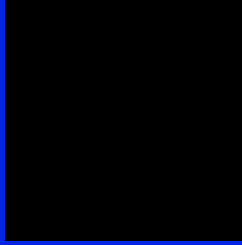
Any Text WCAG AA × Fail

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 0025E5 Background



This preview shows how black text looks on a background with the Hex color 0025E5.



This preview shows how white text looks on a background with the Hex color 0025E5.

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
0025E5

Protanomaly
003BB3

Deuteranomaly
003EA5

Tritanomaly
00428B

Monochromacy



Original Color
0025E5

Achromatopsia
303030

Achromatomaly
1F2C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 0025E5 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 #0025E5 looks like.

```
.text, #text, p{  
    color:#0025E5  
}
```

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 #0025E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0025E5
}
```

Border

The CSS property to change the border of an element to Hex 0025E5 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".

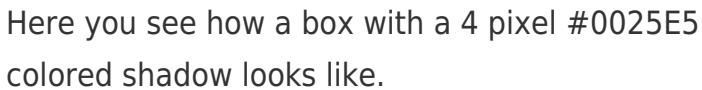
```
.border, #border, table{ border:4px solid
#0025E5 }
```

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

```
.border{ border-color:#0025E5 }
```

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

Here you see how a box with a 4 pixel #0025E5 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0025E5; -webkit-box-shadow:4px 4px  
4px 4px #0025E5; box-shadow:4px 4px 4px  
4px #0025E5 }
```

Background

The CSS property to change the background color of an element to Hex 0025E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0025E5 }
```

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

```
.background{ background-color:#0025E5 }
```

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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