

Converting Colors

Hex(0080E5)

Have a look what the booklet for
Hex(0080E5) contains.

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Color

Hex(0080E5)

Conversions

Conversions Part 1

Format	Color
Hex	0080E5
RGB	0, 128, 229
RGB Percent	0%, 50%, 90%
CMY	1.0000, 0.4980, 0.1020
CMYK	1.00, 0.44, 0.00, 0.10
HSL	206°, 100%, 45%
HSV	206°, 100%, 90%
XYZ	21.8620, 21.0955, 77.0483
YIQ	101.2420, -108.7090, 4.2750

Conversions

Conversions Part 2

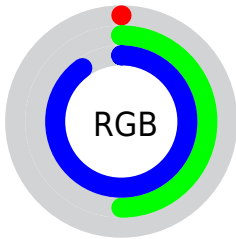
Format	Color
R _Y B	0, 82, 229
Decimal	32997
CIE Lab	53.05, 8.71, -59.16
CIE LCh	53, 59.802, 278.371
Yxy	21.0955, 0.1822, 0.1758
Android (android.graphics.Color)	4278223077 (0xFF0080E5)
YUV	101.2420, 62.9847, -88.7892
Hunter-Lab	45.9298, 4.5866, -67.3095

Details

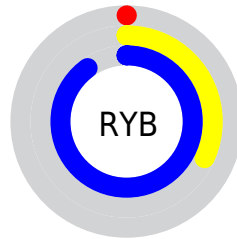
The Hex color **0080E5** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E56500**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **69B4FF**, and **0050AD** is the 20% darker color. If you saturate the color by 10%, you get **0080E5**, and if you desaturate by 10%, it is **178AE5**.

Distribution



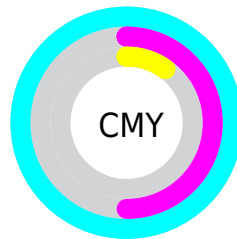
- Red (0%)
- Green (50%)
- Blue (90%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (10%)




- Cyan (100%)
- Magenta (50%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0080E5 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 0080E5 by changing the saturation by 10% instead.

 0080E5

 0080E5

FFFFFF

 0067C9

 69B4FF

 0050AD

 8AD0FF

 003A92

 AAECFF

 002677

 C9FFFF

 00115E

 E8FFFF


 000845

 00042E

 000118

 000000

 0080E5

 178AE5

 2E94E5

 459EE5

 5CA8E5

 73B2E5

 89BDE5

 A0C7E5

 B7D1E5

 CEDBE5

Harmonies

Analogous

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



008EDE



0080E5



936AD0

Triad

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



0080E5



D25841



009457

Complementary

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



0080E5



E56500

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.



538D25



0080E5



B56E15

Square

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



0080E5



DA4A72



8A8100



00978C

Rectangle

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



0080E5



BA5AB5



8A8100



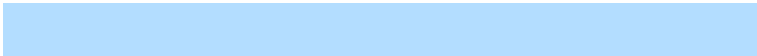
009245

Sweetspot

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



0080E5



B3DDFF



00E563



526B80



000000



808080

Same Dimension

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



0080E5



008FFF



000FE5



676E73



0064B3



001D33

Inverse Universe

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



E50080



FF008F



E5D600



73676E



B30064



33001D

Previews

White Background



This preview shows how the Hex color 0080E5 looks on a white background.

Color Contrast Check

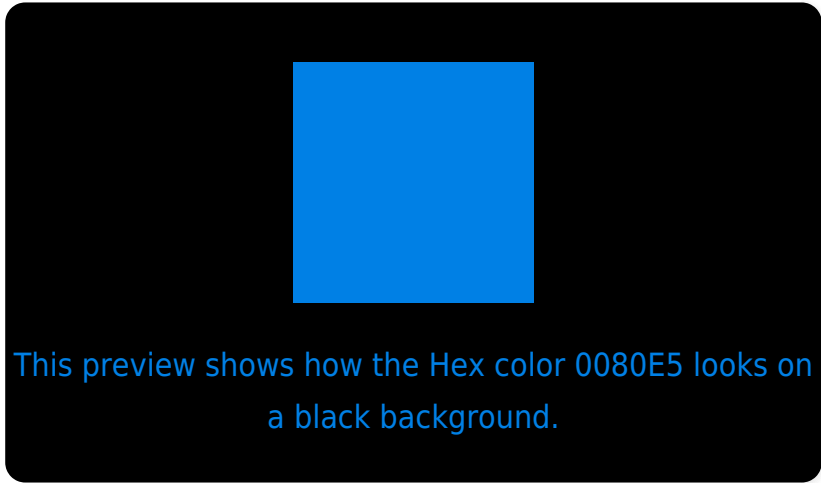
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0080E5 Background



This preview shows how black text looks on a background with the Hex color 0080E5.



This preview shows how white text looks on a background with the Hex color 0080E5.

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
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0080E5 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 #0080E5 looks like.

```
.text, #text, p{  
    color:#0080E5  
}
```

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 #0080E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080E5
}
```

Border

The CSS property to change the border of an element to Hex 0080E5 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
#0080E5 }
```

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

```
.border{ border-color:#0080E5 }
```

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

Here you see how a box with a 4 pixel #0080E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080E5; -webkit-box-shadow:4px 4px  
4px 4px #0080E5; box-shadow:4px 4px 4px  
4px #0080E5 }
```

Background

The CSS property to change the background color of an element to Hex 0080E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080E5 }
```

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

```
.background{ background-color:#0080E5 }
```

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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