

Converting Colors

Hex(0062E1)

Have a look what the booklet for
Hex(0062E1) contains.

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Color

Hex(0062E1)

Conversions

Conversions Part 1	
Format	Color
Hex	0062E1
RGB	0, 98, 225
RGB Percent	0%, 38%, 88%
CMY	1.0000, 0.6157, 0.1176
CMYK	1.00, 0.56, 0.00, 0.12
HSL	214°, 100%, 44%
HSV	214°, 100%, 88%
XYZ	17.9583, 14.1716, 73.0231
YIQ	83.1760, -99.1750, 18.7210

Conversions

Conversions Part 2

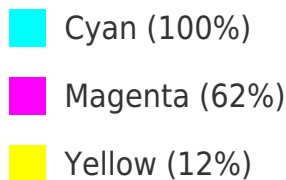
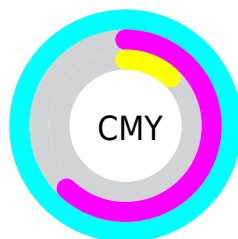
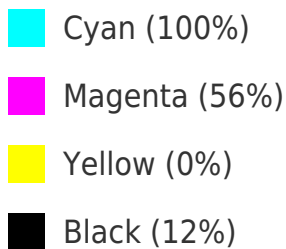
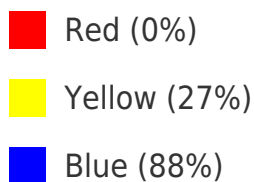
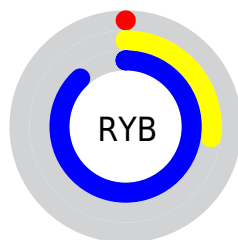
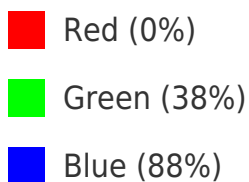
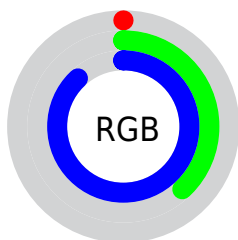
Format	Color
RYB	0, 68, 225
Decimal	25313
CIELab	44.48, 26.23, -70.79
CIELCh	44, 75.494, 290.330
Yxy	14.1716, 0.1708, 0.1348
Android (android.graphics.Color)	4278215393 (0xFF0062E1)
YUV	83.1760, 69.9192, -72.9454
Hunter-Lab	37.6452, 19.2727, -88.6574

Details

The Hex color **0062E1** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E17F00**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6994FF**, and **0035A9** is the 20% darker color. If you saturate the color by 10%, you get **0062E1**, and if you desaturate by 10%, it is **166FE1**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 0062E1 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 0062E1 by changing the saturation by 10% instead.



0062E1



0062E1

FFFFFF



004BC4



6994FF



0035A9



8AAEFF



00228D



AAC9FF



001073



C9E5FF



000B59



E9FFFF



000741



00032A



000114



000000

 0062E1

 166FE1

 2D7BE1

 4488E1

 5A95E1

 71A2E1

 87AEE1

 9DBBE1

 B4C8E1

 CBD4E1

Harmonies

Analogous

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



0077E7



0062E1



9E3DBB

Triad

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



0062E1



BC3F00



008252

Complementary

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



0062E1



E17F00

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.



007D00



0062E1



915F00

Square

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



0062E1



D20142



587300



008393

Rectangle

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



0062E1



C11895



587300



00813C

Sweetspot

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



0062E1



B3D4FF



00E17C



526680



000000



808080

Same Dimension

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



0062E1



006FFF



0B00E1



656A70



004DB0



001530

Inverse Universe

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



E10062



FF006F



D6E100



70656A



B0004D



300015

Previews

White Background



This preview shows how the Hex color 0062E1 looks on a white background.

Color Contrast Check

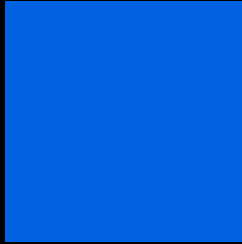
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0062E1 looks on a 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 0062E1 Background



This preview shows how black text looks on a background with the Hex color 0062E1.



This preview shows how white text looks on a background with the Hex color 0062E1.

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](#).

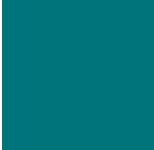
Dichromacy



Original Color
0062E1

Protanopia
0065D6

Deuteranopia
006BB8



Tritanopia
00747B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0062E1 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 #0062E1 looks like.

```
.text, #text, p{  
    color:#0062E1  
}
```

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 #0062E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0062E1
}
```

Border

The CSS property to change the border of an element to Hex 0062E1 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
#0062E1 }
```

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

```
.border{ border-color:#0062E1 }
```

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

Here you see how a box with a 4 pixel #0062E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0062E1; -webkit-box-shadow:4px 4px  
4px 4px #0062E1; box-shadow:4px 4px 4px  
4px #0062E1 }
```

Background

The CSS property to change the background color of an element to Hex 0062E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0062E1 }
```

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

```
.background{ background-color:#0062E1 }
```

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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