

Converting Colors

Hex(0062EC)

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

Hex(0062EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0062EC)

Conversions

Conversions Part 1

Format	Color
Hex	0062EC
RGB	0, 98, 236
RGB Percent	0%, 38%, 93%
CMY	1.0000, 0.6157, 0.0745
CMYK	1.00, 0.58, 0.00, 0.07
HSL	215°, 100%, 46%
HSV	215°, 100%, 93%
XYZ	19.5080, 14.7915, 81.1837
YIQ	84.4300, -102.7060, 22.1420

Conversions

Conversions Part 2

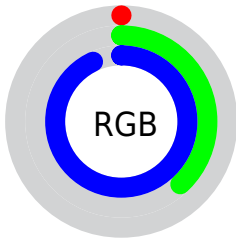
Format	Color
RYB	0, 69, 236
Decimal	25324
CIELab	45.35, 30.51, -75.59
CIELCh	45, 81.510, 291.980
Yxy	14.7915, 0.1689, 0.1281
Android (android.graphics.Color)	4278215404 (0xFF0062EC)
YUV	84.4300, 74.7240, -74.0451
Hunter-Lab	38.4597, 23.2365, -98.2321

Details

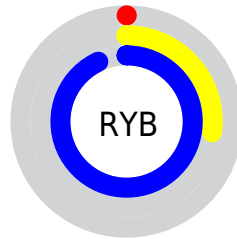
The Hex color **0062EC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EC8A00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6D94FF**, and **0035B3** is the 20% darker color. If you saturate the color by 10%, you get **0062EC**, and if you desaturate by 10%, it is **1870EC**.

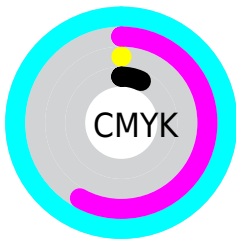
Distribution



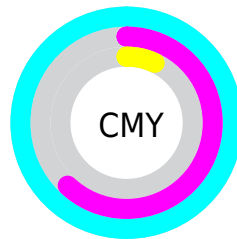
- Red (0%)
- Green (38%)
- Blue (93%)



- Red (0%)
- Yellow (27%)
- Blue (93%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (62%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 0062EC

 0062EC

FFFFFF

 004BCF

 6D94FF

 0035B3

 8EAEFF

 002297

 AECAFF

 00117D

 CEE5FF

 000863

 EEEFFF

 00094A

 000432

 00021C

 000000

■ 0062EC

■ 1870EC

■ 2F7EEC

■ 478BEC

■ 5E99EC

■ 76A7EC

■ 8EB5EC

■ A5C3EC

■ BDD0EC

■ D4DEEC

Harmonies

Analogous

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



007AF5



0062EC



A836C1

Triad

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



0062EC



C13E00



008656

Complementary

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



0062EC



EC8A00

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.



008100



0062EC



926200

Square

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



0062EC



DC003E



537700



00879D

Rectangle

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



0062EC



CC0097



537700



00843E

Sweetspot

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



0062EC



B3D2FF



00EC8A



526580



000000



808080

Same Dimension

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



0062EC



006AFF



1400EC



6A6E75



004BB5



001636

Inverse Universe

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



EC0062



FF006A



D8EC00



756A6E



B5004B



360016

Previews

White Background



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

Color Contrast Check

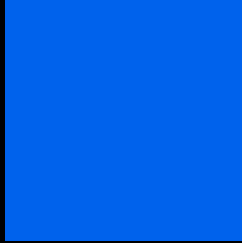
Large Text (above 18pt) WCAG AA ✓ Pass

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 0062EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

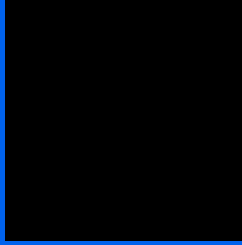
Any Text WCAG AA × Fail

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 0062EC Background



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

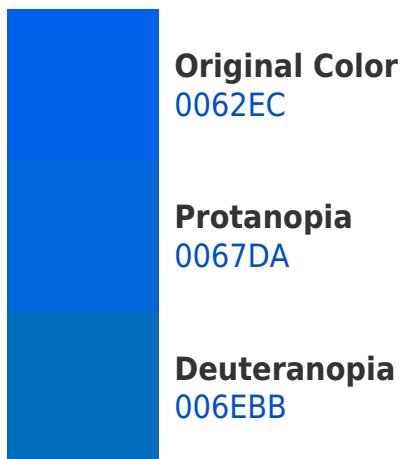


This preview shows how white text looks on a background with the Hex color 0062EC.

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
00777E

Trichromacy



Original Color
0062EC

Protanomaly
0065E1

Deuteranomaly
006ACD

Tritanomaly
006FA6

Monochromacy



Original Color
0062EC

Achromatopsia
545454

Achromatomaly
35598B

CSS Examples

Text

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

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

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 #0062EC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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