

Converting Colors

Hex(0082EB)

Have a look what the booklet for
Hex(0082EB) contains.

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Color

Hex(0082EB)

Conversions

Conversions Part 1

Format	Color
Hex	0082EB
RGB	0, 130, 235
RGB Percent	0%, 51%, 92%
CMY	1.0000, 0.4902, 0.0784
CMYK	1.00, 0.45, 0.00, 0.08
HSL	207°, 100%, 46%
HSV	207°, 100%, 92%
XYZ	22.9780, 21.9634, 81.6256
YIQ	103.1000, -111.1850, 5.0950

Conversions

Conversions Part 2

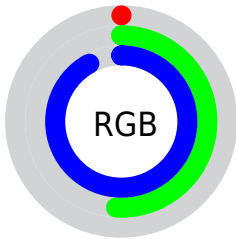
Format	Color
RYB	0, 84, 235
Decimal	33515
CIELab	53.99, 9.81, -61.02
CIELCh	54, 61.798, 279.130
Yxy	21.9634, 0.1815, 0.1735
Android (android.graphics.Color)	4278223595 (0xFF0082EB)
YUV	103.1000, 65.0267, -90.4187
Hunter-Lab	46.8651, 5.5047, -70.4605

Details

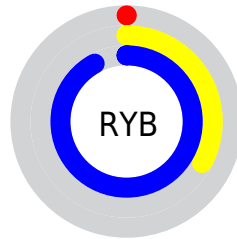
The Hex color **0082EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EB6900**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BB6FF**, and **0052B2** is the 20% darker color. If you saturate the color by 10%, you get **0082EB**, and if you desaturate by 10%, it is **178DEB**.

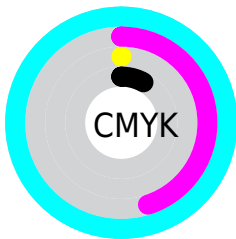
Distribution



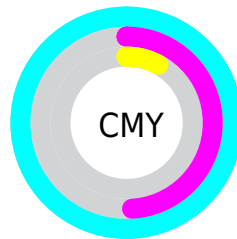
- Red (0%)
- Green (51%)
- Blue (92%)



- Red (0%)
- Yellow (33%)
- Blue (92%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0082EB 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 0082EB by changing the saturation by 10% instead.

 0082EB

 0082EB

FFFFFF

 0069CE

 6BB6FF

 0052B2

 8CD2FF

 003C97

 ACEEFF

 00277D

 CBFFFF

 001463

 EBFFFF

 00094A

 000433

 00021D

 000000

 0082EB

 178DEB

 2F97EB

 47A2EB

 5EACEB

 76B7EB

 8DC1EB

 A4CCEB

 BCD6EB

 D3E1EB

Harmonies

Analogous

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



0091E5



0082EB



976BD4

Triad

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



0082EB



D75940



009759

Complementary

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



0082EB



EB6900

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.



519025



0082EB



B87011

Square

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



0082EB



E04A73



8C8400



009A90

Rectangle

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



0082EB



BF5AB9



8C8400



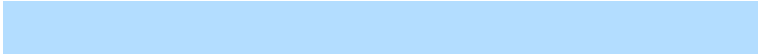
009547

Sweetspot

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



0082EB



B3DDFF



00EB66



526B80



000000



808080

Same Dimension

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



0082EB



008DFF



0010EB



6A7075



0064B5



001E36

Inverse Universe

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



EB0082



FF008D



EBDB00



756A70



B50064



36001E

Previews

White Background



This preview shows how the Hex color 0082EB looks on a white background.

Color Contrast Check

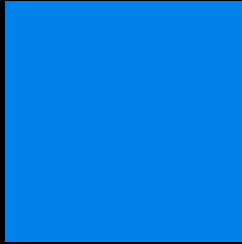
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0082EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

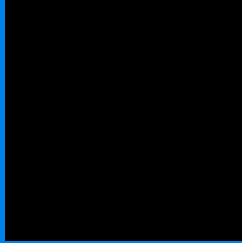
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

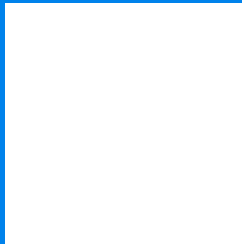
Any Text WCAG AAA × Fail

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

Hex 0082EB Background



This preview shows how black text looks on a background with the Hex color 0082EB.



This preview shows how white text looks on a background with the Hex color 0082EB.

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
008F98

Trichromacy



Original Color
0082EB

Protanomaly
327FE8

Deuteranomaly
0083E8

Tritanomaly
008AB6

Monochromacy



Original Color
0082EB

Achromatopsia
676767

Achromatomaly
427197

CSS Examples

Text

The CSS property to change the color of the text to Hex 0082EB 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 #0082EB looks like.

```
.text, #text, p{  
    color:#0082EB  
}
```

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 #0082EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0082EB
}
```

Border

The CSS property to change the border of an element to Hex 0082EB 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
#0082EB }
```

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

```
.border{ border-color:#0082EB }
```

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

Here you see how a box with a 4 pixel #0082EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0082EB; -webkit-box-shadow:4px 4px  
4px 4px #0082EB; box-shadow:4px 4px 4px  
4px #0082EB }
```

Background

The CSS property to change the background color of an element to Hex 0082EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0082EB }
```

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

```
.background{ background-color:#0082EB }
```

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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