

# Converting Colors

Hex(0881EB)

Have a look what the booklet for  
Hex(0881EB) contains.

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# Color

**Hex(0881EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0881EB
RGB	8, 129, 235
RGB Percent	3%, 51%, 92%
CMY	0.9686, 0.4941, 0.0784
CMYK	0.97, 0.45, 0.00, 0.08
HSL	208°, 93%, 48%
HSV	208°, 97%, 92%
XYZ	22.9458, 21.7503, 81.5861
YIQ	104.9050, -106.1420, 7.3140

# Conversions

## Conversions Part 2

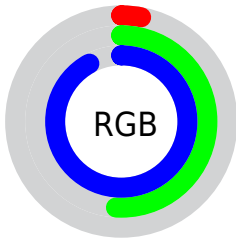
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 87, 235
Decimal	557547
CIE Lab	53.76, 10.64, -61.38
CIE LCh	54, 62.293, 279.833
Yxy	21.7503, 0.1817, 0.1722
Android (android.graphics.Color)	4278747627 (0xFF0881EB)
YUV	104.9050, 64.1368, -84.9857
Hunter-Lab	46.6372, 6.2080, -71.0746

# Details

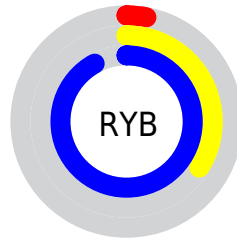
The Hex color **0881EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EB7208**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CB5FF**, and **0051B2** is the 20% darker color. If you saturate the color by 10%, you get **007DEB**, and if you desaturate by 10%, it is **208CEB**.

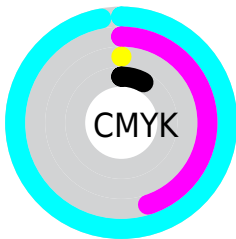
# Distribution



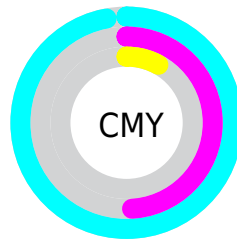
- Red (3%)
- Green (51%)
- Blue (92%)



- Red (3%)
- Yellow (34%)
- Blue (92%)



- Cyan (97%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (97%)
- Magenta (49%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0881EB 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 0881EB by changing the saturation by 10% instead.



0881EB

0881EB

FFFFFF

0068CE

6CB5FF

0051B2

8DD1FF

003B97

ADEDFE

00277D

CDFFFF

001363

ECFFFF

00094A

000433

00021D

000000

■ 0881EB

■ 0881EB

■ 007DEB

■ 208CEB

■ 3797EB

■ 4FA2EB

■ 66ADEB

■ 7EB8EB

■ 95C3EB

■ ACCEEB

■ C4D9EB

■ DCE4EB

# Harmonies

## Analogous

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



0090E5



0881EB



996AD4

# Triad

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



0881EB



D6593E



009759

# Complementary

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



0881EB



EB7208

# 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.



4E9024



0881EB



B7700C

# Square

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



0881EB



E04971



8A8400



009991

# Rectangle

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



0881EB



C059B7



8A8400



009547

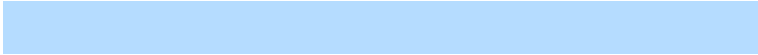


# Sweetspot

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



0881EB



B5DCFF



08EB72



536B80



000000



808080



# Same Dimension

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



0881EB



0088FF



0810EB



6A7075



0061B5



001D36



# Inverse Universe

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



EB0881



FF0088



EBE308



756A70



B50061



36001D



# Previews

## White Background



This preview shows how the Hex color 0881EB looks on a white background.

## Color Contrast Check

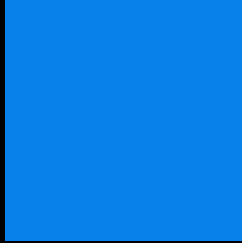
Large Text (above 18pt) WCAG AA ✓ Pass

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 0881EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

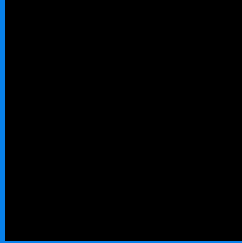
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

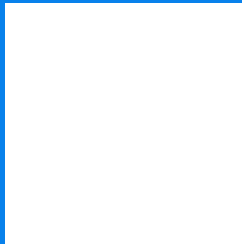
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0881EB Background



This preview shows how black text looks on a background with the Hex color 0881EB.



This preview shows how white text looks on a background with the Hex color 0881EB.

# 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**  
008E97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0881EB 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 #0881EB looks like.

```
.text, #text, p{  
    color:#0881EB  
}
```

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 #0881EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0881EB
}
```

## Border

The CSS property to change the border of an element to Hex 0881EB 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
#0881EB }
```

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

```
.border{ border-color:#0881EB }
```

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

Here you see how a box with a 4 pixel #0881EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0881EB; -webkit-box-shadow:4px 4px  
4px 4px #0881EB; box-shadow:4px 4px 4px  
4px #0881EB }
```

# Background

The CSS property to change the background color of an element to Hex 0881EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0881EB }
```

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

```
.background{ background-color:#0881EB }
```

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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