

# Converting Colors

Hex(0864E0)

Have a look what the booklet for  
Hex(0864E0) contains.

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# Color

**Hex(0864E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0864E0
RGB	8, 100, 224
RGB Percent	3%, 39%, 88%
CMY	0.9686, 0.6078, 0.1216
CMYK	0.96, 0.55, 0.00, 0.12
HSL	214°, 93%, 45%
HSV	214°, 96%, 88%
XYZ	18.1119, 14.5478, 72.3744
YIQ	86.6280, -94.6360, 19.0600

# Conversions

## Conversions Part 2

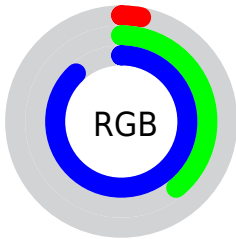
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	8, 73, 224
Decimal	550112
CIE Lab	45.01, 24.76, -69.36
CIE LCh	45, 73.643, 289.645
Yxy	14.5478, 0.1724, 0.1385
Android (android.graphics.Color)	4278740192 (0xFF0864E0)
YUV	86.6280, 67.7244, -68.9568
Hunter-Lab	38.1416, 18.0146, -85.8049

# Details

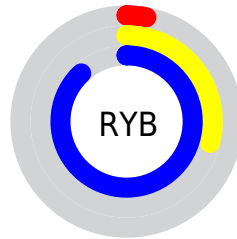
The Hex color **0864E0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E08408**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6A96FF**, and **0037A8** is the 20% darker color. If you saturate the color by 10%, you get **005FE0**, and if you desaturate by 10%, it is **1E71E0**.

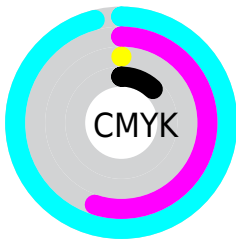
# Distribution



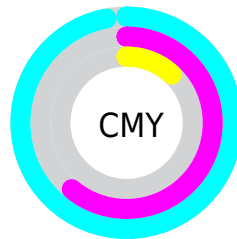
- Red (3%)
- Green (39%)
- Blue (88%)



- Red (3%)
- Yellow (29%)
- Blue (88%)



- Cyan (96%)
- Magenta (55%)
- Yellow (0%)
- Black (12%)



- Cyan (97%)
- Magenta (61%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0864E0 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 0864E0 by changing the saturation by 10% instead.



 0864E0

 0864E0

FFFFFF

 004DC3

 6A96FF

 0037A8

 8BB1FF

 00238D

 ABCCFF

 001172

 CAE8FF

 000A59

 E9FFFF

 000740

 000329

 000113

 000000

■ 0864E0

■ 0864E0

■ 005FE0

■ 1E71E0

■ 357EE0

■ 4B8BE0

■ 6297E0

■ 78A4E0

■ 8EB1E0

■ A5BEE0

■ BBCBE0

■ D2D8E0

# Harmonies

## Analogous

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



0079E5



0864E0



9C42BB

# Triad

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



0864E0



BD4100



008352

# Complementary

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



0864E0



E08408

# 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.



007E05



0864E0



936000

# Square

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



0864E0



D21146



5C7400



008492

# Rectangle

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



0864E0



C02297



5C7400



00823C



# Sweetspot

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



0864E0



B5D5FF



08E082



536680



000000



808080



# Same Dimension

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



0864E0



006DFF



1608E0



656A70



004BB0



001530



# Inverse Universe

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



E00864



FF006D



D2E008



70656A



B0004B



300015



# Previews

## White Background



This preview shows how the Hex color 0864E0 looks on a white background.

## Color Contrast Check

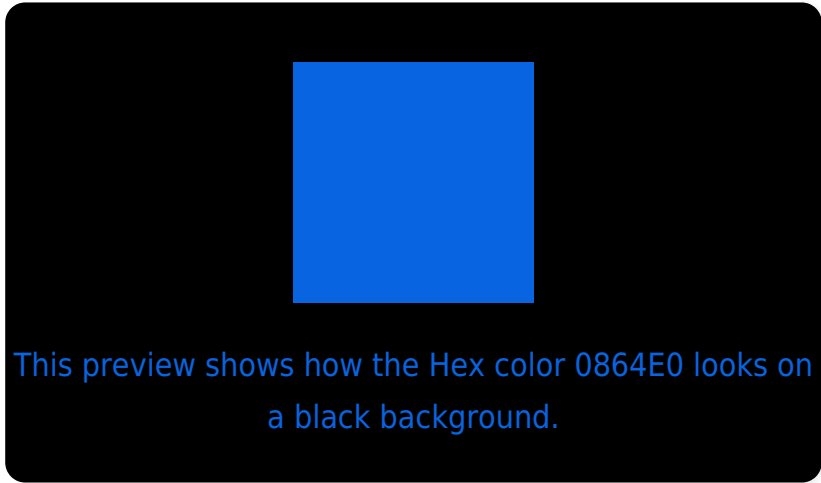
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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

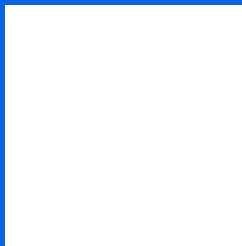
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0864E0 Background



This preview shows how black text looks on a background with the Hex color 0864E0.



This preview shows how white text looks on a background with the Hex color 0864E0.

# 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**

0864E0

**Protanopia**

0066D9

**Deuteranopia**

006DBB



**Tritanopia**  
00767D

# Trichromacy



**Original Color**  
0864E0

**Protanomaly**  
0365DC

**Deuteranomaly**  
036AC8

**Tritanomaly**  
036FA1

# Monochromacy



**Original Color**  
0864E0

**Achromatopsia**  
575757

**Achromatomaly**  
3A5C89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0864E0 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 #0864E0 looks like.

```
.text, #text, p{  
    color:#0864E0  
}
```

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 #0864E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0864E0
}
```

## Border

The CSS property to change the border of an element to Hex 0864E0 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
#0864E0 }
```

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

```
.border{ border-color:#0864E0 }
```

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

Here you see how a box with a 4 pixel #0864E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0864E0; -webkit-box-shadow:4px 4px  
4px 4px #0864E0; box-shadow:4px 4px 4px  
4px #0864E0 }
```

# Background

The CSS property to change the background color of an element to Hex 0864E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0864E0 }
```

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

```
.background{ background-color:#0864E0 }
```

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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