

# Converting Colors

Hex(0E74E1)

Have a look what the booklet for  
Hex(0E74E1) contains.

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# Color

**Hex(0E74E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E74E1
RGB	14, 116, 225
RGB Percent	5%, 45%, 88%
CMY	0.9451, 0.5451, 0.1176
CMYK	0.94, 0.48, 0.00, 0.12
HSL	211°, 88%, 47%
HSV	211°, 94%, 88%
XYZ	20.0171, 18.0204, 73.6574
YIQ	97.9280, -95.7810, 12.2750

# Conversions

## Conversions Part 2

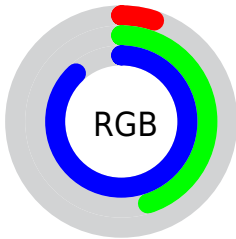
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 83, 225
Decimal	947425
CIE <sub>Lab</sub>	49.52, 15.06, -62.60
CIE <sub>LCh</sub>	50, 64.389, 283.529
Yxy	18.0204, 0.1792, 0.1613
Android (android.graphics.Color)	4279137505 (0xFF0E74E1)
YUV	97.9280, 62.6465, -73.6049
Hunter-Lab	42.4504, 9.8818, -73.1611

# Details

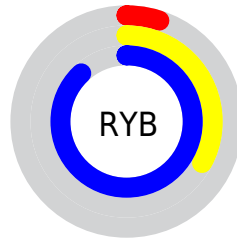
The Hex color **0E74E1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E17B0E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **6BA7FF**, and **0045A9** is the 20% darker color. If you saturate the color by 10%, you get **006DE1**, and if you desaturate by 10%, it is **2580E1**.

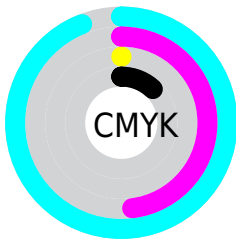
# Distribution



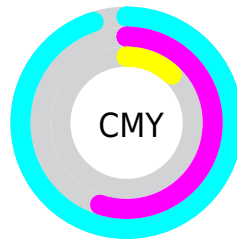
- Red (5%)
- Green (45%)
- Blue (88%)



- Red (5%)
- Yellow (33%)
- Blue (88%)



- Cyan (94%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)



- Cyan (95%)
- Magenta (55%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0E74E1 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 0E74E1 by changing the saturation by 10% instead.



 0E74E1

 0E74E1

FFFFFF

 005CC5

 6BA7FF

 0045A9

 8CC2FF

 00308E

 ABDEFF

 001D73

 CAFAFF

 00035A

 E9FFFF

 000742

 00032B

 000115

 000000

■ 0E74E1

■ 0E74E1

■ 006DE1

■ 2580E1

■ 3B8BE1

■ 5297E1

■ 68A2E1

■ 7FAEE1

■ 95BAE1

■ ACC5E1

■ C2D1E1

■ D9DDE1

# Harmonies

## Analogous

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



0084DF



0E74E1



965BC6

# Triad

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



0E74E1



C84F2C



008C55

# Complementary

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



0E74E1



E17B0E

# 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.



35861B



0E74E1



A66800

# Square

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



0E74E1



D6395F



777B00



008E8E

# Rectangle

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



0E74E1



BB48A7



777B00



008B42

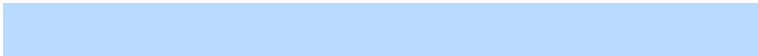


# Sweetspot

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



0E74E1



B8DAFF



0EE177



546980



000000



808080



# Same Dimension

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



0E74E1



007BFF



0E0EE1



656A70



0055B0



001730



# Inverse Universe

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



E10E74



FF007B



E1E10E



70656A



B00055



300017



# Previews

## White Background



This preview shows how the Hex color 0E74E1 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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

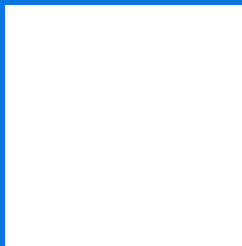
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0E74E1 Background



This preview shows how black text looks on a background with the Hex color 0E74E1.



This preview shows how white text looks on a background with the Hex color 0E74E1.

# 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**  
00828B

# Trichromacy



**Original Color**  
0E74E1

**Protanomaly**  
2972DF

**Deuteranomaly**  
0577D7

**Tritanomaly**  
057DAA

# Monochromacy



**Original Color**  
0E74E1

**Achromatopsia**  
626262

**Achromatomaly**  
436990

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0E74E1 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 #0E74E1 looks like.

```
.text, #text, p{  
    color:#0E74E1  
}
```

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 #0E74E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E74E1
}
```

## Border

The CSS property to change the border of an element to Hex 0E74E1 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
#0E74E1 }
```

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

```
.border{ border-color:#0E74E1 }
```

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

Here you see how a box with a 4 pixel #0E74E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E74E1; -webkit-box-shadow:4px 4px  
4px 4px #0E74E1; box-shadow:4px 4px 4px  
4px #0E74E1 }
```

# Background

The CSS property to change the background color of an element to Hex 0E74E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E74E1 }
```

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

```
.background{ background-color:#0E74E1 }
```

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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