

# Converting Colors

Hex(057BED)

Have a look what the booklet for  
Hex(057BED) contains.

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**Color**

**Hex(057BED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	057BED
RGB	5, 123, 237
RGB Percent	2%, 48%, 93%
CMY	0.9804, 0.5176, 0.0706
CMYK	0.98, 0.48, 0.00, 0.07
HSL	209°, 96%, 47%
HSV	209°, 98%, 93%
XYZ	22.4316, 20.3126, 82.8592
YIQ	100.7140, -106.9220, 10.4380

# Conversions

## Conversions Part 2

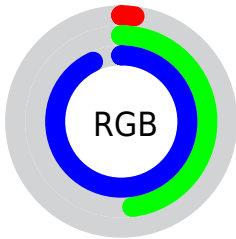
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">5, 83, 237</a>
Decimal	<a href="#">359405</a>
CIELab	<a href="#">52.19, 15.07, -65.03</a>
CIELCh	<a href="#">52, 66.753, 283.050</a>
Yxy	<a href="#">20.3126, 0.1786, 0.1617</a>
Android (android.graphics.Color)	<a href="#">4278549485 (0xFF057BED)</a>
YUV	<a href="#">100.7140, 67.1890, -83.9412</a>
Hunter-Lab	<a href="#">45.0695, 9.9698, -77.4546</a>

# Details

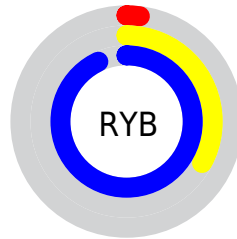
The Hex color **057BED** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **ED7705**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6CAFFF**, and **004CB4** is the 20% darker color. If you saturate the color by 10%, you get **0079ED**, and if you desaturate by 10%, it is **1D87ED**.

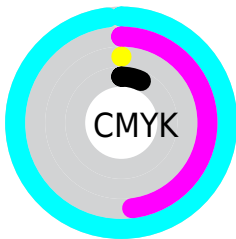
# Distribution



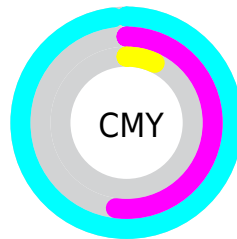
- Red (2%)
- Green (48%)
- Blue (93%)



- Red (2%)
- Yellow (33%)
- Blue (93%)



- Cyan (98%)
- Magenta (48%)
- Yellow (0%)
- Black (7%)



- Cyan (98%)
- Magenta (52%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 057BED 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 057BED by changing the saturation by 10% instead.



 057BED

 057BED

FFFFFF

 0063D0

 6CAFFF

 004CB4

 8ECAFF

 003699

 AEE6FF

 00237E

 CDFFFF

 000C64

 EDFFFF

 00094C

 000434

 00021E

 000000

■ 057BED

■ 057BED

■ 0079ED

■ 1D87ED

■ 3492ED

■ 4C9EED

■ 64AAED

■ 7CB5ED

■ 93C1ED

■ ABCDED

■ C3D8ED

■ DAE4ED

# Harmonies

## Analogous

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



008CEA



057BED



9D61D1

# Triad

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



057BED



D35330



009459

# Complementary

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



057BED



ED7705

# 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.



3B8E1C



057BED



B06E00

# Square

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



057BED



E13D66



7F8200



009695

# Rectangle

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



057BED



C54DB1



7F8200



009345

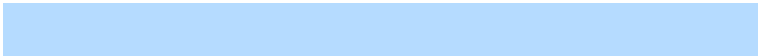


# Sweetspot

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



057BED



B5DBFF



05ED75



536A80



000000



808080



# Same Dimension

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



057BED



0082FF



0509ED



6A7075



005CB5



001B36



# Inverse Universe

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



ED057B



FF0082



EDE905



756A70



B5005C



36001B



# Previews

## White Background



This preview shows how the Hex color 057BED looks on a white background.

## Color Contrast Check

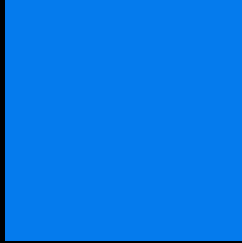
Large Text (above 18pt) WCAG AA ✓ Pass

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 057BED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

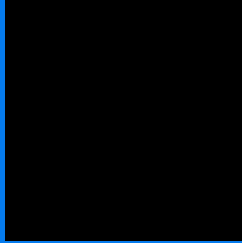
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

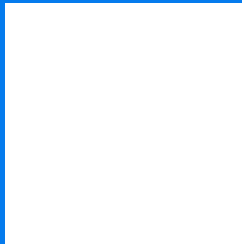
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 057BED Background



This preview shows how black text looks on a background with the Hex color 057BED.



This preview shows how white text looks on a background with the Hex color 057BED.

# 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**  
008A93

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 057BED 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 #057BED looks like.

```
.text, #text, p{  
    color:#057BED  
}
```

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 #057BED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #057BED
}
```

## Border

The CSS property to change the border of an element to Hex 057BED 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
#057BED }
```

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

```
.border{ border-color:#057BED }
```

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

Here you see how a box with a 4 pixel #057BED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #057BED; -webkit-box-shadow:4px 4px  
4px 4px #057BED; box-shadow:4px 4px 4px  
4px #057BED }
```

# Background

The CSS property to change the background color of an element to Hex 057BED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#057BED }
```

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

```
.background{ background-color:#057BED }
```

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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