

# Converting Colors

Hex(0383EE)

Have a look what the booklet for  
Hex(0383EE) contains.

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# Color

Hex(0383EE)

# Conversions

## Conversions Part 1

Format	Color
Hex	0383EE
RGB	3, 131, 238
RGB Percent	1%, 51%, 93%
CMY	0.9882, 0.4863, 0.0667
CMYK	0.99, 0.45, 0.00, 0.07
HSL	207°, 98%, 47%
HSV	207°, 99%, 93%
XYZ	23.5865, 22.4250, 83.9742
YIQ	104.9260, -110.6350, 6.1410

# Conversions

## Conversions Part 2

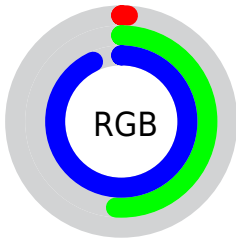
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	3, 86, 238
Decimal	230382
CIE <sub>Lab</sub>	54.48, 10.43, -61.90
CIE <sub>LCh</sub>	54, 62.775, 279.566
Yxy	22.4250, 0.1815, 0.1725
Android (android.graphics.Color)	4278420462 (0xFF0383EE)
YUV	104.9260, 65.6055, -89.3891
Hunter-Lab	47.3550, 6.0354, -71.9898

# Details

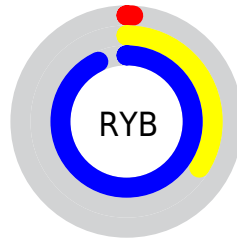
The Hex color **0383EE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EE6E03**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CB7FF**, and **0053B5** is the 20% darker color. If you saturate the color by 10%, you get **0082EE**, and if you desaturate by 10%, it is **1B8EEE**.

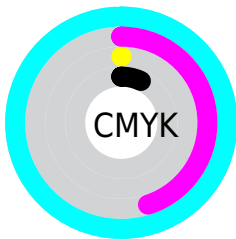
# Distribution



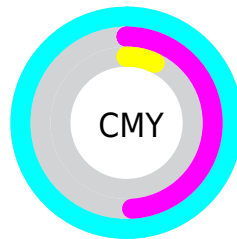
- Red (1%)
- Green (51%)
- Blue (93%)



- Red (1%)
- Yellow (34%)
- Blue (93%)



- Cyan (99%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (99%)
- Magenta (49%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0383EE 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 0383EE by changing the saturation by 10% instead.



 0383EE

 0383EE

FFFFFF

 006AD1

 6CB7FF

 0053B5

 8ED3FF

 003D9A

 AEEFFF

 00287F


 CDFFFF

 001566

 ECFFFF

 000A4D

 000535

 00021F

 000002

0383EE

0383EE

0082EE

1B8EEE

3399EE

4AA4EE

62AEEE

7AB9EE

92C4EE

AACFEE

C1DAEE

D9E5EE

# Harmonies

## Analogous

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



0092E8



0383EE



9A6CD7

# Triad

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



0383EE



D95A40



00995A

# Complementary

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



0383EE



EE6E03

# 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.



509225



0383EE



BA720E

# Square

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



0383EE



E34A73



8C8500



009B93

# Rectangle

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



0383EE



C25ABA



8C8500



009748

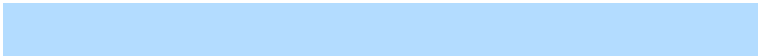


# Sweetspot

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



0383EE



B3DCFF



03EE6D



526B80



000000



808080



# Same Dimension

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



0383EE



008BFF



030FEE



6C7278



0064B8



001F38



# Inverse Universe

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



EE0383



FF008B



EEE203



786C72



B80064



38001F



# Previews

## White Background



This preview shows how the Hex color 0383EE looks on a white background.

## Color Contrast Check

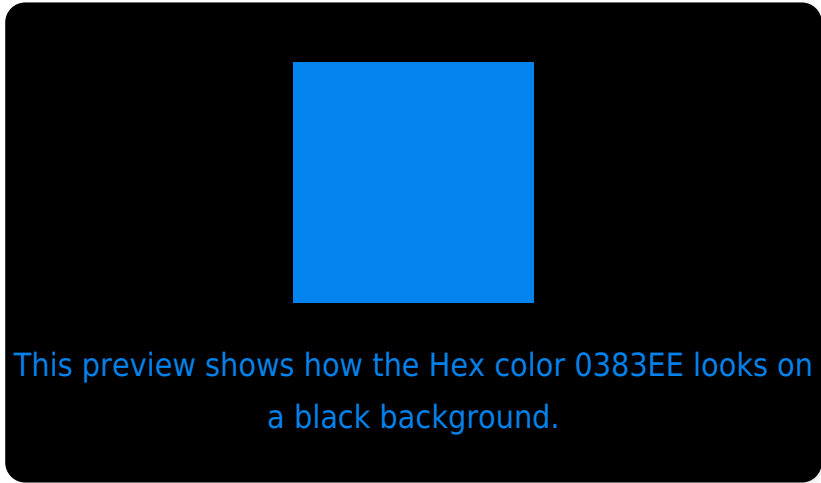
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

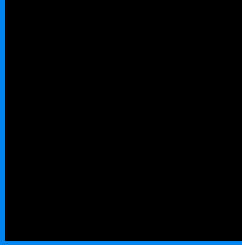
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

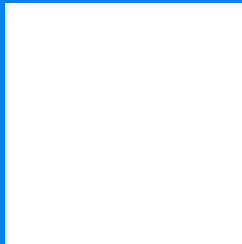
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0383EE Background



This preview shows how black text looks on a background with the Hex color 0383EE.



This preview shows how white text looks on a background with the Hex color 0383EE.

# 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**  
00909A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0383EE 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 #0383EE looks like.

```
.text, #text, p{  
    color:#0383EE  
}
```

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 #0383EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0383EE
}
```

## Border

The CSS property to change the border of an element to Hex 0383EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

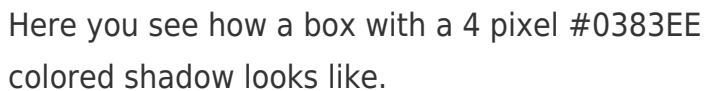
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0383EE }
```

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

```
.border{ border-color:#0383EE }
```

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



Here you see how a box with a 4 pixel #0383EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0383EE; -webkit-box-shadow:4px 4px  
4px 4px #0383EE; box-shadow:4px 4px 4px  
4px #0383EE }
```

# Background

The CSS property to change the background color of an element to Hex 0383EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0383EE }
```

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

```
.background{ background-color:#0383EE }
```

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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