

# Converting Colors

Hex(0382EE)

Have a look what the booklet for  
Hex(0382EE) contains.

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**Color**

**Hex(0382EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0382EE
RGB	3, 130, 238
RGB Percent	1%, 51%, 93%
CMY	0.9882, 0.4902, 0.0667
CMYK	0.99, 0.45, 0.00, 0.07
HSL	208°, 98%, 47%
HSV	208°, 99%, 93%
XYZ	23.4528, 22.1577, 83.9297
YIQ	104.3390, -110.3600, 6.6640

# Conversions

## Conversions Part 2

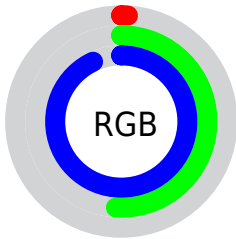
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 85, 238
Decimal	230126
CIELab	54.19, 11.05, -62.35
CIELCh	54, 63.326, 280.049
Yxy	22.1577, 0.1810, 0.1710
Android (android.graphics.Color)	4278420206 (0xFF0382EE)
YUV	104.3390, 65.8949, -88.8743
Hunter-Lab	47.0719, 6.5587, -72.7643

# Details

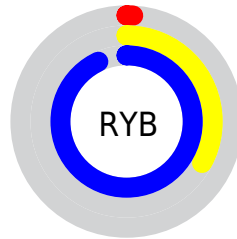
The Hex color **0382EE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EE6F03**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6CB6FF**, and **0052B5** is the 20% darker color. If you saturate the color by 10%, you get **0081EE**, and if you desaturate by 10%, it is **1B8DEE**.

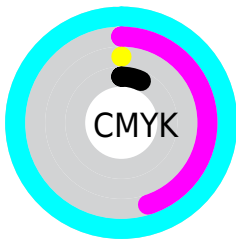
# Distribution



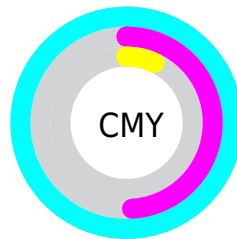
- Red (1%)
- Green (51%)
- Blue (93%)



- Red (1%)
- Yellow (33%)
- 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 0382EE 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 0382EE by changing the saturation by 10% instead.



 0382EE

 0382EE

FFFFFF

 0069D1

 6CB6FF

 0052B5

 8ED2FF

 003C9A

 AEEEFF

 00287F


 CDFFFF

 001465

 ECFFFF

 000A4D

 000535

 00021F

 000002

■ 0382EE

■ 0382EE

■ 0081EE

■ 1B8DEE

■ 3398EE

■ 4AA3EE

■ 62AE EE

■ 7AB9EE

■ 92C4EE

■ AACFEE

■ C1DAEE

■ D9E4EE

# Harmonies

## Analogous

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



0092E9



0382EE



9B6AD6

# Triad

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



0382EE



D8593E



00985A

# Complementary

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



0382EE



EE6F03

# 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.



4E9224



0382EE



B97109

# Square

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



0382EE



E34872



8A8500



009B93

# Rectangle

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



0382EE



C359B9



8A8500



009748

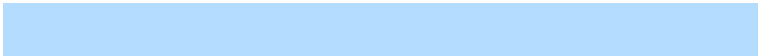


# Sweetspot

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



0382EE



B3DCFF



03EE6D



526A80



000000



808080



# Same Dimension

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



0382EE



008AFF



030FEE



6C7278



0063B8



001E38



# Inverse Universe

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



EE0382



FF008A



EEE203



786C72



B80063



38001E



# Previews

## White Background



This preview shows how the Hex color 0382EE looks on a white background.

## Color Contrast Check

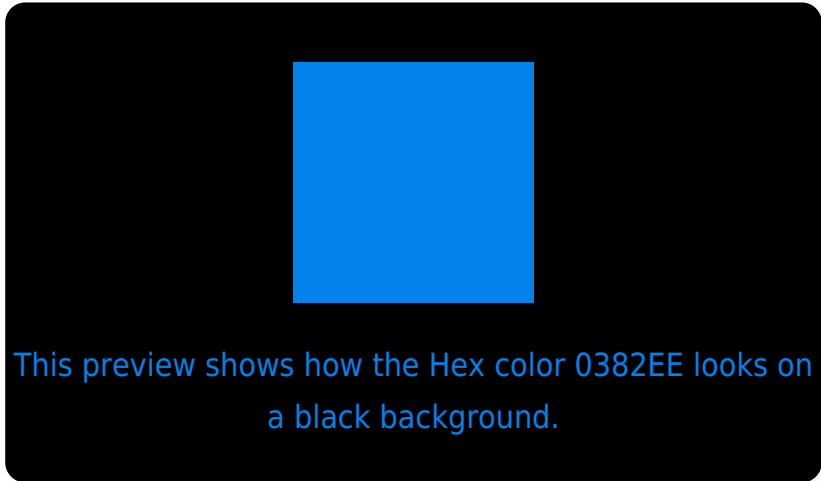
Large Text (above 18pt) WCAG AA ✓ Pass

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

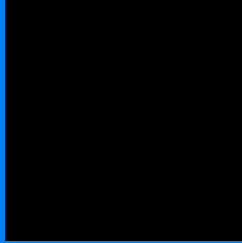
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

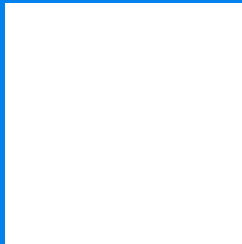
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0382EE Background



This preview shows how black text looks on a background with the Hex color 0382EE.



This preview shows how white text looks on a background with the Hex color 0382EE.

# 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**  
0382EE

**Protanopia**  
4C7DE9

**Deuteranopia**  
0083E8



**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0382EE 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 #0382EE looks like.

```
.text, #text, p{  
    color:#0382EE  
}
```

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 #0382EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0382EE
}
```

## Border

The CSS property to change the border of an element to Hex 0382EE 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
#0382EE }
```

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

```
.border{ border-color:#0382EE }
```

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

Here you see how a box with a 4 pixel #0382EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0382EE; -webkit-box-shadow:4px 4px  
4px 4px #0382EE; box-shadow:4px 4px 4px  
4px #0382EE }
```

# Background

The CSS property to change the background color of an element to Hex 0382EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0382EE }
```

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

```
.background{ background-color:#0382EE }
```

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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