

# Converting Colors

Hex(8088E0)

Have a look what the booklet for  
Hex(8088E0) contains.

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# Color

**Hex(8088E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8088E0
RGB	128, 136, 224
RGB Percent	50%, 53%, 88%
CMY	0.4980, 0.4667, 0.1216
CMYK	0.43, 0.39, 0.00, 0.12
HSL	235°, 61%, 69%
HSV	235°, 43%, 88%
XYZ	31.1608, 27.5793, 74.2020
YIQ	143.6400, -33.0160, 25.6720

# Conversions

## Conversions Part 2

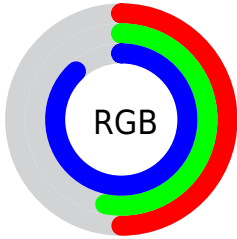
Format	Color
<a href="#">RYB</a>	<a href="#">128, 135, 224</a>
Decimal	<a href="#">8423648</a>
<a href="#">CIELab</a>	<a href="#">59.51, 19.31, -45.82</a>
<a href="#">CIELCh</a>	<a href="#">60, 49.719, 292.851</a>
<a href="#">Yxy</a>	<a href="#">27.5793, 0.2344, 0.2075</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4286613728</a> ( <a href="#">0xFF8088E0</a> )
<a href="#">YUV</a>	<a href="#">143.6400, 39.6175, -13.7163</a>
<a href="#">Hunter-Lab</a>	<a href="#">52.5160, 14.0113, -47.0120</a>

# Details

The Hex color **8088E0** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0D880**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B8BDFF**, and **4856A8** is the 20% darker color. If you saturate the color by 10%, you get **6A73E0**, and if you desaturate by 10%, it is **969DE0**.

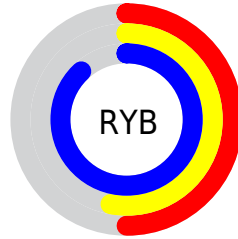
# Distribution



Red (50%)

Green (53%)

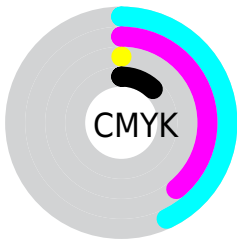
Blue (88%)



Red (50%)

Yellow (53%)

Blue (88%)

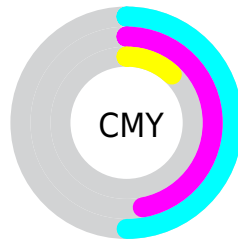


Cyan (43%)

Magenta (39%)

Yellow (0%)

Black (12%)



Cyan (50%)

Magenta (47%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8088E0 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 8088E0 by changing the saturation by 10% instead.



 8088E0

 8088E0

FFFFFF

 646FC4

 B8BDFF

 4856A8

 D5D9FF

 2A3F8D

 F3F5FF

 002A73

 00165A

 000042

 00032B

 000115

 000000

■ 8088E0

■ 8088E0

■ 6A73E0

■ 969DE0

■ 535FE0

■ ADB1E0

■ 3D4AE0

■ C3C6E0

■ 2636E0

■ DADAE0

■ 1021E0

■ FOEFE0

■ 0013E0

■ FFFFE0

# Harmonies

## Analogous

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



0097E6



8088E0



BB76C5

# Triad

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



8088E0



D0794B



00A483

# Complementary

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



8088E0



E0D880

# 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.



51A058



8088E0



B18935

# Square

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



8088E0



E06B70



87973A



00A5B0

# Rectangle

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



8088E0



D36DAA



87973A



02A374



# Sweetspot

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



8088E0



DEE1FF



80E0D8



6B6D80



000000



808080



# Same Dimension

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



8088E0



7D88FF



A880E0



656670



000FB0



000430



# Inverse Universe

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



E08088



FF7D88



B8E080



706566



B0000F

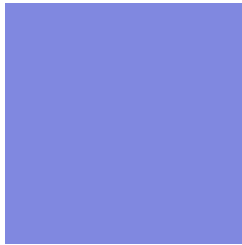


300004



# Previews

## White Background



This preview shows how the Hex color 8088E0 looks on a white background.

## Color Contrast Check

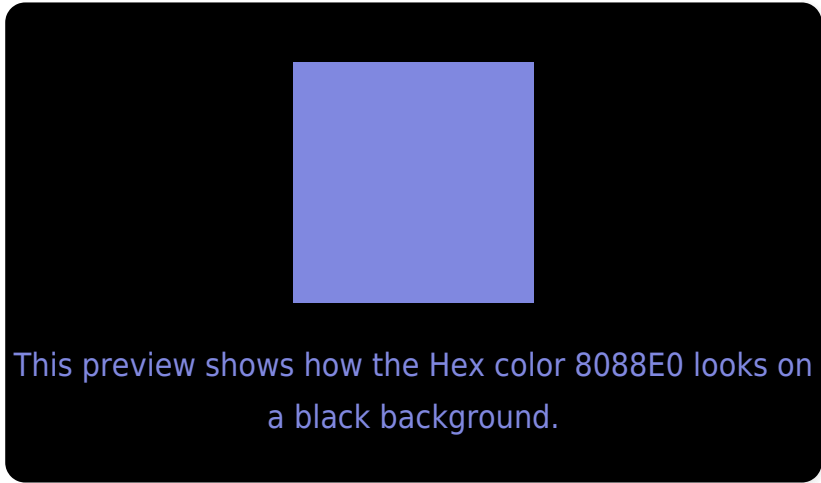
Large Text (above 18pt) WCAG AA ✓ Pass

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

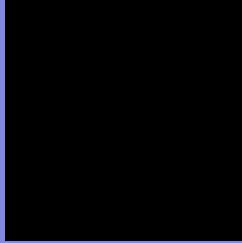
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8088E0 Background



This preview shows how black text looks on a background with the Hex color 8088E0.



This preview shows how white text looks on a background with the Hex color 8088E0.

# 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](#).

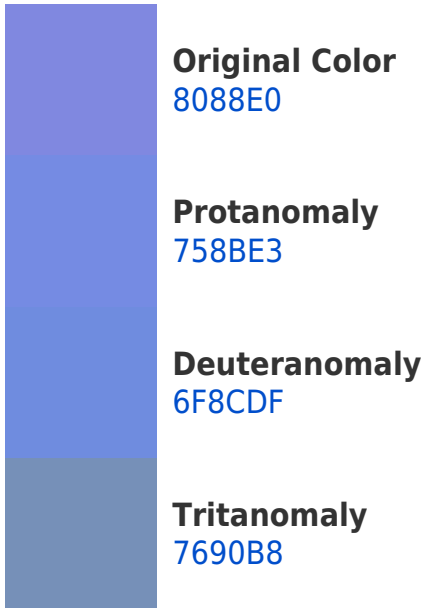
## Dichromacy



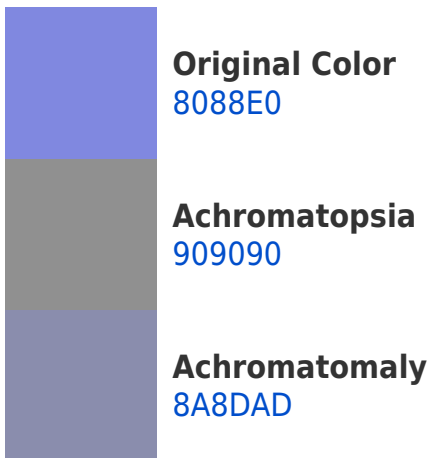


**Tritanopia**  
7095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8088E0 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 #8088E0 looks like.

```
.text, #text, p{  
    color:#8088E0  
}
```

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 #8088E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8088E0
}
```

## Border

The CSS property to change the border of an element to Hex 8088E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

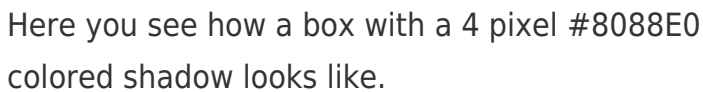
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8088E0 }
```

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

```
.border{ border-color:#8088E0 }
```

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



Here you see how a box with a 4 pixel #8088E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8088E0; -webkit-box-shadow:4px 4px  
4px 4px #8088E0; box-shadow:4px 4px 4px  
4px #8088E0 }
```

# Background

The CSS property to change the background color of an element to Hex 8088E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8088E0 }
```

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

```
.background{ background-color:#8088E0 }
```

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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