

# Converting Colors

Hex(3ED9F0)

Have a look what the booklet for  
Hex(3ED9F0) contains.

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# **Color**

**Hex(3ED9F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ED9F0
RGB	62, 217, 240
RGB Percent	24%, 85%, 94%
CMY	0.7569, 0.1490, 0.0588
CMYK	0.74, 0.10, 0.00, 0.06
HSL	188°, 86%, 59%
HSV	188°, 74%, 94%
XYZ	42.5276, 56.9411, 91.1874
YIQ	173.2770, -99.7630, -25.7070

# Conversions

## Conversions Part 2

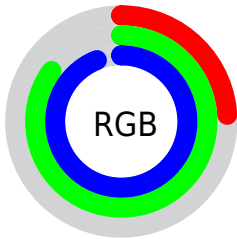
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 145, 240
Decimal	4119024
CIE Lab	80.15, -32.00, -22.75
CIE LCh	80, 39.261, 215.411
Yxy	56.9411, 0.2231, 0.2987
Android (android.graphics.Color)	4282309104 (0xFF3ED9F0)
YUV	173.2770, 32.8944, -97.5899
Hunter-Lab	75.4593, -31.4542, -18.8263

# Details

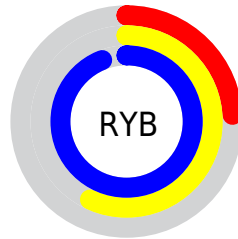
The Hex color **3ED9F0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F0553E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **87FFFF**, and **00A2B8** is the 20% darker color. If you saturate the color by 10%, you get **26D6F0**, and if you desaturate by 10%, it is **56DCF0**.

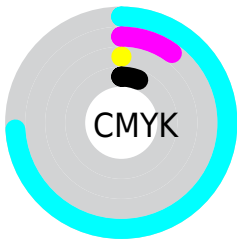
# Distribution



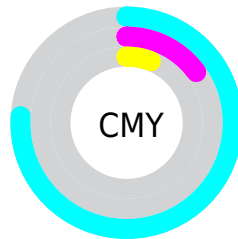
- Red (24%)
- Green (85%)
- Blue (94%)



- Red (24%)
- Yellow (57%)
- Blue (94%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (76%)
- Magenta (15%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3ED9F0 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 3ED9F0 by changing the saturation by 10% instead.



 3ED9F0

 3ED9F0

FFFFFF

 00BDD4

 87FFFF

 00A2B8

 A7FFFF

 00879D

 C6FFFF

 006D83

 E5FFFF

 00556A

 003D51

 00273A

 000325

 00010E

 3ED9F0

 3ED9F0

 26D6F0

 56DCF0

 0ED3F0

 6EDFF0

 00D1F0

 86E2F0

 9EE5F0

 B6E9F0

 CEECF0

 E6EFF0

 FEF2F0

 FFF5F0

# Harmonies

## Analogous

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



58DBCC



3ED9F0



63D3FF

# Triad

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



3ED9F0



FBAFE6



D9C77D

# Complementary

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



3ED9F0



F0553E

# 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.



F9BA85



3ED9F0



FFABC1

# Square

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



3ED9F0



D4BBFF



FFAF9E



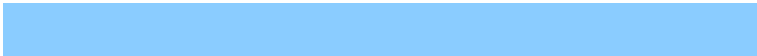
B2D18A

# Rectangle

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



3ED9F0



8ACCFE



FFAF9E



E5C37D



# Sweetspot

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



3ED9F0



C7F8FF



3EF053



5E7B80



000000



808080



# Same Dimension

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



3ED9F0



1CE2FF



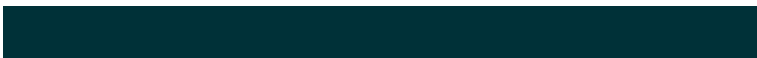
3E82F0



6C7678



00A0B8



003138



# Inverse Universe

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



F03ED9



FF1CE2



F0AC3E



786C76



B800A0

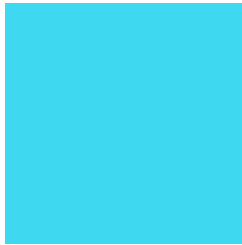


380031



# Previews

## White Background



This preview shows how the Hex color 3ED9F0 looks on a white background.

## Color Contrast Check

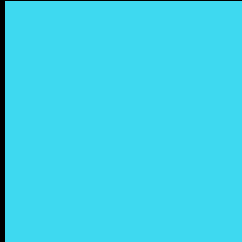
Large Text (above 18pt) WCAG AA × Fail

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 3ED9F0 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 ✓ Pass

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



## Hex 3ED9F0 Background



This preview shows how black text looks on a background with the Hex color 3ED9F0.

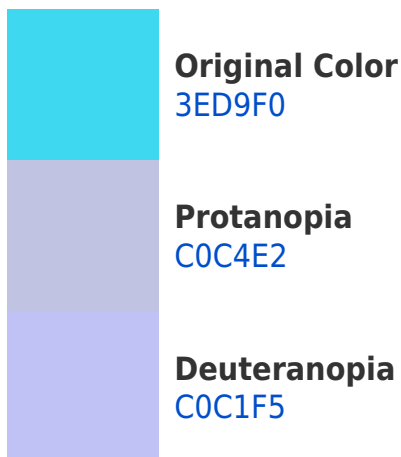


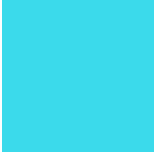
This preview shows how white text looks on a background with the Hex color 3ED9F0.

# 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**  
3BDAEB

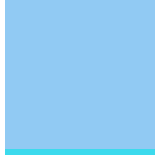
# Trichromacy



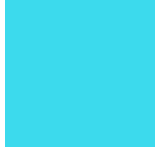
**Original Color**  
3ED9F0



**Protanomaly**  
91CCE7



**Deuteranomaly**  
91CAF3

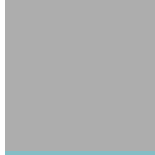


**Tritanomaly**  
3CDAED

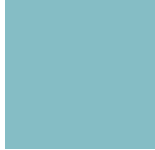
# Monochromacy



**Original Color**  
3ED9F0



**Achromatopsia**  
ADADAD



**Achromatomaly**  
85BDC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3ED9F0 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 #3ED9F0 looks like.

```
.text, #text, p{  
  color:#3ED9F0  
}
```

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 #3ED9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3ED9F0
}
```

## Border

The CSS property to change the border of an element to Hex 3ED9F0 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
#3ED9F0 }
```

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

```
.border{ border-color:#3ED9F0 }
```

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

Here you see how a box with a 4 pixel #3ED9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3ED9F0; -webkit-box-shadow:4px 4px  
4px 4px #3ED9F0; box-shadow:4px 4px 4px  
4px #3ED9F0 }
```

# Background

The CSS property to change the background color of an element to Hex 3ED9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3ED9F0 }
```

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

```
.background{ background-color:#3ED9F0 }
```

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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