

# Converting Colors

Hex(32EDFA)

Have a look what the booklet for  
Hex(32EDFA) contains.

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# **Color**

**Hex(32EDFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32EDFA
RGB	50, 237, 250
RGB Percent	20%, 93%, 98%
CMY	0.8039, 0.0706, 0.0196
CMYK	0.80, 0.05, 0.00, 0.02
HSL	184°, 95%, 59%
HSV	184°, 80%, 98%
XYZ	48.8549, 68.1486, 101.0216
YIQ	182.5690, -115.6250, -35.6010

# Conversions

## Conversions Part 2

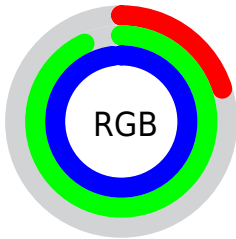
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 147, 250
Decimal	3337722
CIELab	86.08, -39.48, -19.06
CIELCh	86, 43.843, 205.775
Yxy	68.1486, 0.2241, 0.3126
Android (android.graphics.Color)	4281527802 (0xFF32EDFA)
YUV	182.5690, 33.2435, -116.2630
Hunter-Lab	82.5522, -38.8289, -14.7684

# Details

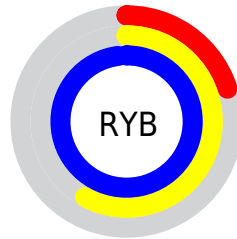
The Hex color **32EDFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA3F32**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **83FFFF**, and **00B4C2** is the 20% darker color. If you saturate the color by 10%, you get **19EBFA**, and if you desaturate by 10%, it is **4BEFFA**.

# Distribution



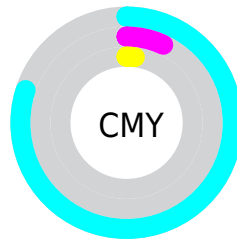
- Red (20%)
- Green (93%)
- Blue (98%)



- Red (20%)
- Yellow (58%)
- Blue (98%)



- Cyan (80%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (80%)
- Magenta (7%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32EDFA 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 32EDFA by changing the saturation by 10% instead.



 32EDFA

FFFFFF

 83FFFF

 A5FFFF


 C5FFFF

 E5FFFF

 32EDFA

 00D0DD

 00B4C2

 0099A6

 007F8C

 006572

 004C5A

 003442

 001F2C

 000118

 32EDFA

 32EDFA

 19EBFA

 4BEFFA

 00EAFA

 64F0FA

 7DF2FA

 96F3FA

 AFF5FA

 C8F7FA

 E1F8FA

 FAFAFA

 FFFCFA

# Harmonies

## Analogous

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



67EDD0



32EDFA



4AE8FF

# Triad

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



32EDFA



FFC0FF



F8D384

# Complementary

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



32EDFA



FA3F32

# 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.



FFC494



32EDFA



FFB8DF

# Square

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



32EDFA



D4CFFF



FFB9B5



CEE08B

# Rectangle

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



32EDFA



7AE1FF



FFB9B5



FFCE87



# Sweetspot

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



32EDFA



C2FBFF



32FA3C



5B7D80



000000



808080



# Same Dimension

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



32EDFA



0AEFFF



328CFA



707C7D



00B0BD



00393D



# Inverse Universe

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



FA32ED



FF0AEF



FAA032



7D707C



BD00B0

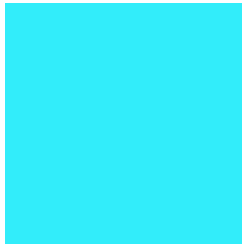


3D0039



# Previews

## White Background



This preview shows how the Hex color 32EDFA looks on a white background.

## Color Contrast Check

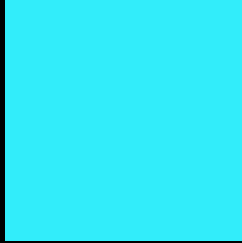
Large Text (above 18pt) WCAG AA × Fail

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 32EDFA 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 32EDFA Background



This preview shows how black text looks on a background with the Hex color 32EDFA.

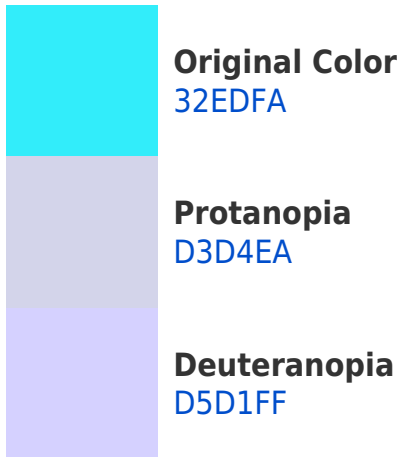


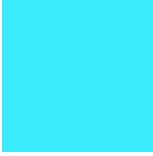
This preview shows how white text looks on a background with the Hex color 32EDFA.

# 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



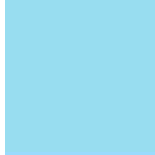


**Tritanopia**  
3BECFF

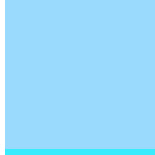
# Trichromacy



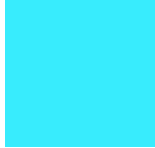
**Original Color**  
32EDFA



**Protanomaly**  
98DDF0



**Deuteranomaly**  
9ADBFD

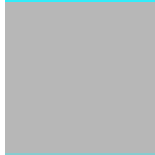


**Tritanomaly**  
38ECFD

# Monochromacy



**Original Color**  
32EDFA



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
87CBCF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32EDFA 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 #32EDFA looks like.

```
.text, #text, p{  
    color:#32EDFA  
}
```

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 #32EDFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32EDFA
}
```

## Border

The CSS property to change the border of an element to Hex 32EDFA 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
#32EDFA }
```

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

```
.border{ border-color:#32EDFA }
```

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

Here you see how a box with a 4 pixel #32EDFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32EDFA; -webkit-box-shadow:4px 4px  
4px 4px #32EDFA; box-shadow:4px 4px 4px  
4px #32EDFA }
```

# Background

The CSS property to change the background color of an element to Hex 32EDFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32EDFA }
```

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

```
.background{ background-color:#32EDFA }
```

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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