

# Converting Colors

Hex(3DEFFA)

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

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# **Color**

**Hex(3DEFFA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DEFFA
RGB	61, 239, 250
RGB Percent	24%, 94%, 98%
CMY	0.7608, 0.0627, 0.0196
CMYK	0.76, 0.04, 0.00, 0.02
HSL	183°, 95%, 61%
HSV	183°, 76%, 98%
XYZ	50.0463, 69.6272, 101.2442
YIQ	187.0320, -109.6190, -34.3150

# Conversions

## Conversions Part 2

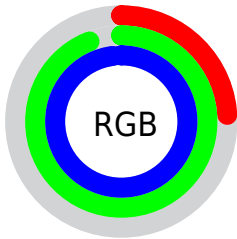
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 153, 250
Decimal	4059130
CIELab	86.81, -39.41, -17.94
CIELCh	87, 43.304, 204.480
Yxy	69.6272, 0.2265, 0.3152
Android (android.graphics.Color)	4282249210 (0xFF3DEFFA)
YUV	187.0320, 31.0432, -110.5301
Hunter-Lab	83.4429, -38.9668, -13.5285

# Details

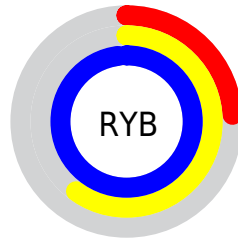
The Hex color **3DEFFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA483D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **89FFFF**, and **00B6C2** is the 20% darker color. If you saturate the color by 10%, you get **24EEFA**, and if you desaturate by 10%, it is **56F0FA**.

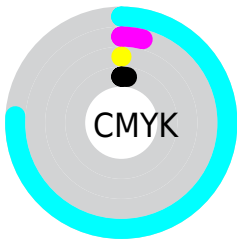
# Distribution



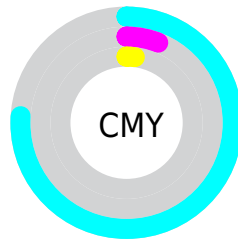
- Red (24%)
- Green (94%)
- Blue (98%)



- Red (24%)
- Yellow (60%)
- Blue (98%)



- Cyan (76%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (76%)
- Magenta (6%)
- Yellow (2%)

# Brightness & Saturation Gradients

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



 3DEFFA

 3DEFFA

FFFFFF

 00D2DD

 89FFFF

 00B6C2

 AAFFFF

 009BA6

 CAFFFF

 00818C

 EAFFFF

 006773

 004E5A

 003643

 00212C

 000118

 3DEFFA

 3DEFFA

 24EEFA

 56F0FA

 0BECFA

 6FF2FA

 00EBFA

 88F3FA

 A1F5FA

 BAF6FA

 D3F8FA

 ECF9FA

 FFFBFA

 FFFCFA

# Harmonies

## Analogous

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



6EEFD0



3DEFFA



4FEAFF

# Triad

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



3DEFFA



FFC3FF



FCD487

# Complementary

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



3DEFFA



FA483D

# 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.



FFC698



3DEFFA



FFBAE3

# Square

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



3DEFFA



D4D2FF



FFBCB9



D2E18D

# Rectangle

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



3DEFFA



7BE4FF



FFBCB9



FFCF8A



# Sweetspot

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



3DEFFA



C4FCFF



3DFA46



5C7D80



000000



808080



# Same Dimension

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



3DEFFA



17F1FF



3D92FA



707C7D



00B2BD



003A3D



# Inverse Universe

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



FA3DEF



FF17F1



FAA53D



7D707C



BD00B2

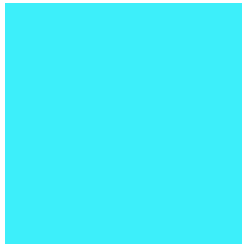


3D003A



# Previews

## White Background



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

## Color Contrast Check

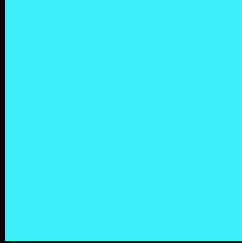
Large Text (above 18pt) WCAG AA × Fail

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 3DEFFA 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 3DEFFA Background



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

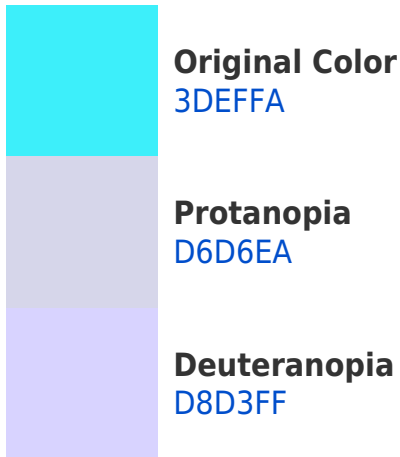


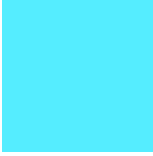
This preview shows how white text looks on a background with the Hex color 3DEFFA.

# 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



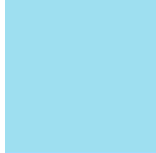


**Tritanopia**  
55EDFF

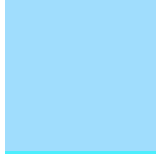
# Trichromacy



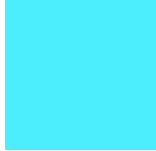
**Original Color**  
3DEFFA



**Protanomaly**  
9EDFF0

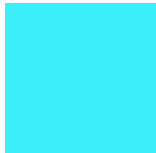


**Deuteranomaly**  
A0DDFD

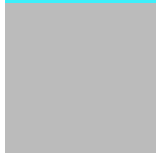


**Tritanomaly**  
4CEEFD

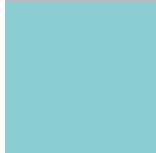
# Monochromacy



**Original Color**  
3DEFFA



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
8DCED2

# CSS Examples

## Text

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

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

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 #3DEFFA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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