

# Converting Colors

Hex(3DFEFE)

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

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# Color

**Hex(3DFEFE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DFEFE
RGB	61, 254, 254
RGB Percent	24%, 100%, 100%
CMY	0.7608, 0.0039, 0.0039
CMYK	0.76, 0.00, 0.00, 0.00
HSL	180°, 99%, 62%
HSV	180°, 76%, 100%
XYZ	55.2557, 79.0315, 106.1083
YIQ	196.2930, -115.0280, -40.9160

# Conversions

## Conversions Part 2

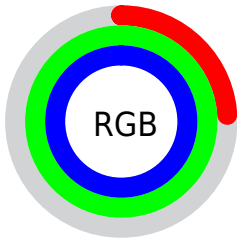
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">61, 158, 254</a>
Decimal	<a href="#">4062974</a>
CIELab	<a href="#">91.25, -44.98, -13.38</a>
CIELCh	<a href="#">91, 46.924, 196.561</a>
Yxy	<a href="#">79.0315, 0.2299, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4282253054 (0xFF3DFEFE)</a>
YUV	<a href="#">196.2930, 28.4496, -118.6520</a>
Hunter-Lab	<a href="#">88.8997, -44.6275, -8.5372</a>

# Details

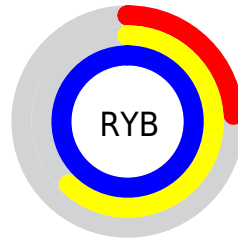
The Hex color **3DFEFE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE3D3D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **8CFFFF**, and **00C5C5** is the 20% darker color. If you saturate the color by 10%, you get **24FEFE**, and if you desaturate by 10%, it is **56FEFE**.

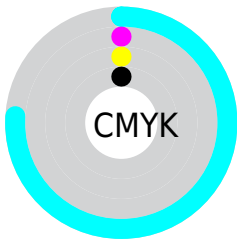
# Distribution



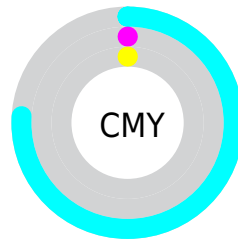
- Red (24%)
- Green (100%)
- Blue (100%)



- Red (24%)
- Yellow (62%)
- Blue (100%)



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



- Cyan (76%)
- Magenta (0%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 3DFEFE

 3DFEFE

FFFFFF

 00E1E1

 8CFFFF

 00C5C5

 ADFFFF

 00A9AA

 CDFFFF

 008E90

 EEEFFF

 007376

 005A5D

 004146

 002C30

 000A1B

 3DFEFE

 3DFEFE

 24FEFE

 56FEFE

 0AFEFE

 70FEFE

 00FEFE

 89FEFE

 A3FEFE

 BCFEFE

 D5FEFE

 EFFEFE

FFFEFE

# Harmonies

## Analogous

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



7EFDCF



3DFEFE



32FAFF

# Triad

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



3DFEFE



FFD1FF



FFDC8E

# Complementary

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



3DFEFE



FE3D3D

# 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.



FFCDA6



3DFEFE



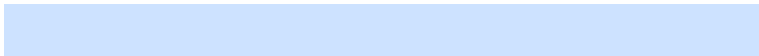
FFC5FC

# Square

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



3DFEFE



CDE2FF



FFC4CE



EBEB8E

# Rectangle

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



3DFEFE



66F4FF



FFC4CE



FFD794



# Sweetspot

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



3DFEFE



C4FFFF



3DFE3D



5C8080



000000



808080



# Same Dimension

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



3DFEFE



17FFFF



3D9EFE



738080



00BFBF



004040



# Inverse Universe

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



FE3DFE



FF17FF



FE9E3D



807380



BF00BF

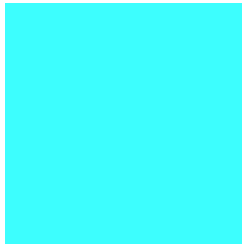


400040



# Previews

## White Background



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

## Color Contrast Check

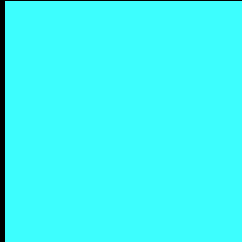
Large Text (above 18pt) WCAG AA × Fail

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 3DFEFE 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

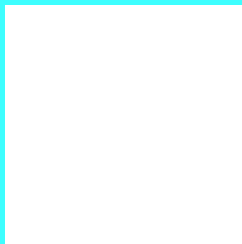
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DFEFE Background



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

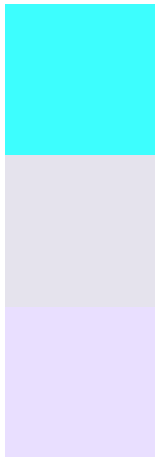


This preview shows how white text looks on a background with the Hex color 3DFEFE.

# 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](#).

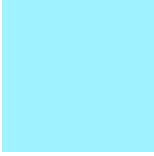
## Dichromacy



**Original Color**  
3DFEFE

**Protanopia**  
E5E3ED

**Deuteranopia**  
E9DFFF



**Tritanopia**  
9FF2FF

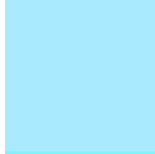
# Trichromacy



**Original Color**  
3DFEFE



**Protanomaly**  
A8EDF3



**Deuteranomaly**  
AAEAFF

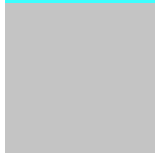


**Tritanomaly**  
7BF6FF

# Monochromacy



**Original Color**  
3DFEFE



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
93D9D9

# CSS Examples

## Text

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

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

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 #3DFEFE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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