

# Converting Colors

Hex(3DF5E6)

Have a look what the booklet for  
Hex(3DF5E6) contains.

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# Color

**Hex(3DF5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DF5E6
RGB	61, 245, 230
RGB Percent	24%, 96%, 90%
CMY	0.7608, 0.0392, 0.0980
CMYK	0.75, 0.00, 0.06, 0.04
HSL	175°, 90%, 60%
HSV	175°, 75%, 96%
XYZ	48.8598, 72.0101, 86.1871
YIQ	188.2740, -104.8490, -43.6730

# Conversions

## Conversions Part 2

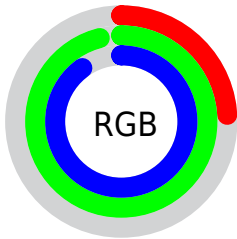
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 157, 245
Decimal	4060646
CIELab	87.97, -47.63, -5.74
CIELCh	88, 47.971, 186.876
Yxy	72.0101, 0.2360, 0.3478
Android (android.graphics.Color)	4282250726 (0xFF3DF5E6)
YUV	188.2740, 20.5709, -111.6193
Hunter-Lab	84.8588, -45.7265, -0.8169

# Details

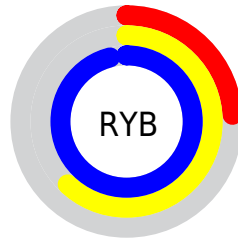
The Hex color **3DF5E6** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F53D4C**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **88FFFF**, and **00BCAF** is the 20% darker color. If you saturate the color by 10%, you get **24F5E4**, and if you desaturate by 10%, it is **56F5E8**.

# Distribution



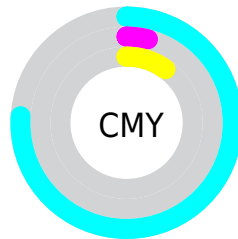
- Red (24%)
- Green (96%)
- Blue (90%)



- Red (24%)
- Yellow (62%)
- Blue (96%)



- Cyan (75%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DF5E6 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 3DF5E6 by changing the saturation by 10% instead.



 3DF5E6

 3DF5E6

FFFFFF

 00D8CA

 88FFFF

 00BCAF

 A9FFFF

 00A094

 C9FFFF

 00857A

 E9FFFF

 006B62

 00524A

 003933

 00231E

 000005

 3DF5E6

 3DF5E6

 24F5E4

 56F5E8

 0CF5E2

 6EF5EA

 00F5E1

 86F5EC

 9FF5EE

 B7F5F0

 D0F5F2

 E9F5F4

 FFF5F6

 FFF5F8

# Harmonies

## Analogous

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



86F2B7



3DF5E6



00F3FF

# Triad

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



3DF5E6



EFCDFE



FFCE89

# Complementary

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



3DF5E6



F53D4C

# 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.



FFBFA8



3DF5E6



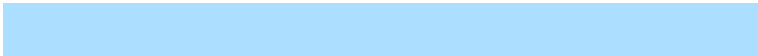
FFBEFF

# Square

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



3DF5E6



ABDEFF



FFB9D4



F0DD81

# Rectangle

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



3DF5E6



2EEEFF



FFB9D4



FFC892

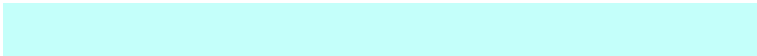


# Sweetspot

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



3DF5E6



C4FFFA



4CF53D



5C807D



000000



808080



# Same Dimension

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



3DF5E6



19FFEC



3DA8F5



6E7A79



00BAAB



003B36



# Inverse Universe

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



F53D4C



FF192C



F58A3D



7A6E6F



BA000F

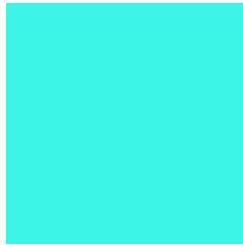


3B0005



# Previews

## White Background



This preview shows how the Hex color 3DF5E6 looks on a white background.

## Color Contrast Check

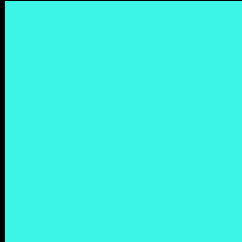
Large Text (above 18pt) WCAG AA × Fail

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 3DF5E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

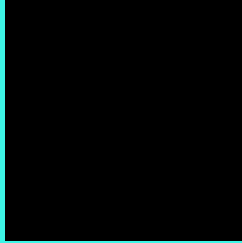
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

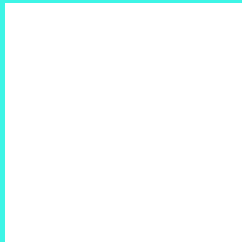
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3DF5E6 Background



This preview shows how black text looks on a background with the Hex color 3DF5E6.

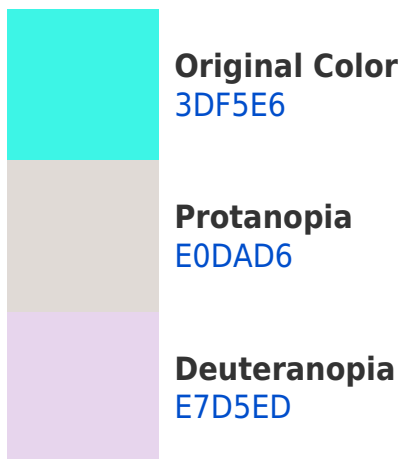


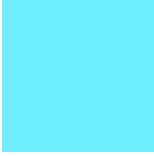
This preview shows how white text looks on a background with the Hex color 3DF5E6.

# 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



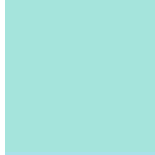


**Tritanopia**  
70EEFF

# Trichromacy



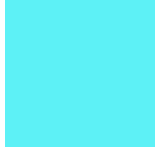
**Original Color**  
3DF5E6



**Protanomaly**  
A5E4DC



**Deuteranomaly**  
A9E1EA

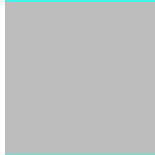


**Tritanomaly**  
5DF1F6

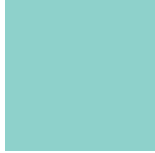
# Monochromacy



**Original Color**  
3DF5E6



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
8ED1CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DF5E6 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 #3DF5E6 looks like.

```
.text, #text, p{  
    color:#3DF5E6  
}
```

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 #3DF5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF5E6
}
```

## Border

The CSS property to change the border of an element to Hex 3DF5E6 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
#3DF5E6 }
```

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

```
.border{ border-color:#3DF5E6 }
```

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

Here you see how a box with a 4 pixel #3DF5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF5E6; -webkit-box-shadow:4px 4px  
4px 4px #3DF5E6; box-shadow:4px 4px 4px  
4px #3DF5E6 }
```

# Background

The CSS property to change the background color of an element to Hex 3DF5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF5E6 }
```

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

```
.background{ background-color:#3DF5E6 }
```

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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