

Converting Colors

Hex(3DF1E9)

Have a look what the booklet for
Hex(3DF1E9) contains.

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Color

Hex(3DF1E9)

Conversions

Conversions Part 1

Format	Color
Hex	3DF1E9
RGB	61, 241, 233
RGB Percent	24%, 95%, 91%
CMY	0.7608, 0.0549, 0.0863
CMYK	0.75, 0.00, 0.03, 0.05
HSL	177°, 87%, 59%
HSV	177°, 75%, 95%
XYZ	48.0877, 69.7859, 88.0263
YIQ	186.2680, -104.7120, -40.6480

Conversions

Conversions Part 2

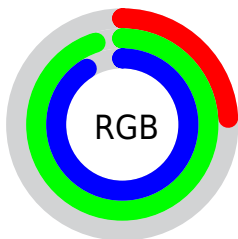
Format	Color
RYB	61, 153, 241
Decimal	4059625
CIELab	86.89, -45.08, -8.92
CIELCh	87, 45.957, 191.186
Yxy	69.7859, 0.2335, 0.3389
Android (android.graphics.Color)	4282249705 (0xFF3DF1E9)
YUV	186.2680, 23.0389, -109.8600
Hunter-Lab	83.5379, -43.4397, -3.9990

Details

The Hex color **3DF1E9** 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 **F13D45**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **88FFFF**, and **00B8B1** is the 20% darker color. If you saturate the color by 10%, you get **25F1E8**, and if you desaturate by 10%, it is **55F1EA**.

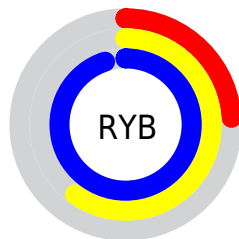
Distribution



Red (24%)

Green (95%)

Blue (91%)



Red (24%)

Yellow (60%)

Blue (95%)

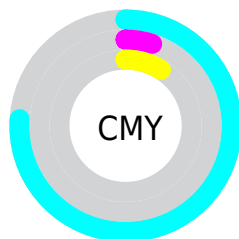


Cyan (75%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (76%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DF1E9 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 3DF1E9 by changing the saturation by 10% instead.

 3DF1E9

 3DF1E9

FFFFFF

 00D4CD

 88FFFF

 00B8B1

 A9FFFF

 009D97

 C9FFFF

 00827D

 E8FFFF

 006864

 004F4C

 003736

 002120

 000009

 3DF1E9

 3DF1E9

 25F1E8

 55F1EA

 0DF1E7

 6DF1EB

 00F1E6

 85F1EC

 9DF1ED

 B6F1EE

 CEF1EF

 E6F1F0

 FEF1F2

 FFF1F3

Harmonies

Analogous

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



7FEFBC



3DF1E9



0EEEFF

Triad

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



3DF1E9



F4C8FF



FFCD87

Complementary

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



3DF1E9



F13D45

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.



FFBFA2



3DF1E9



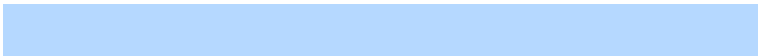
FFBBF7

Square

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



3DF1E9



B5D8FF



FFB8CB



E6DC83

Rectangle

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



3DF1E9



4BE9FF



FFB8CB



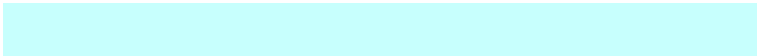
FFC88E

Sweetspot

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



3DF1E9



C7FFFD



46F13D



5E807E



000000



808080

Same Dimension

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



3DF1E9



19FFF5



3DA0F1



6C7877



00B8AF



003836

Inverse Universe

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



F13D45



FF1924



F18E3D



786C6C



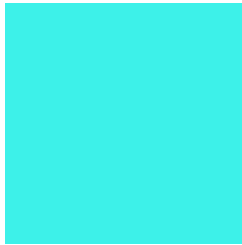
B80008



380002

Previews

White Background



This preview shows how the Hex color 3DF1E9 looks on a white background.

Color Contrast Check

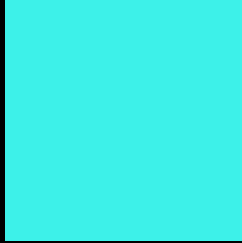
Large Text (above 18pt) WCAG AA × Fail

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 3DF1E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

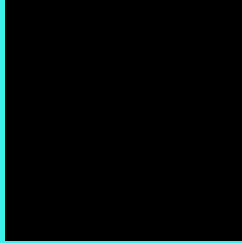
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

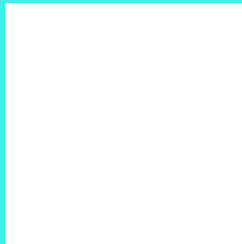
Any Text WCAG AAA ✓ Pass

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

Hex 3DF1E9 Background



This preview shows how black text looks on a background with the Hex color 3DF1E9.

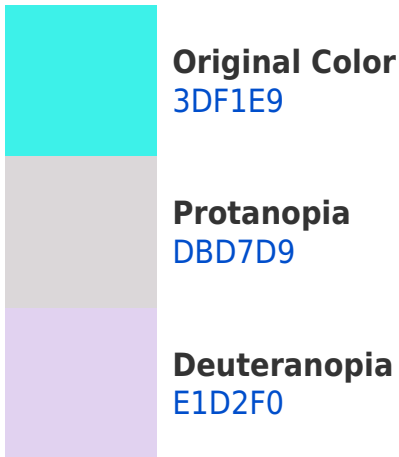


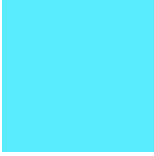
This preview shows how white text looks on a background with the Hex color 3DF1E9.

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](#).

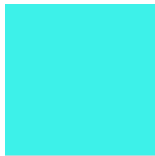
Dichromacy





Tritanopia
59ECFF

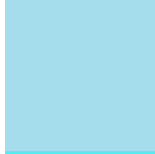
Trichromacy



Original Color
3DF1E9



Protanomaly
A2E0DF



Deuteranomaly
A5DDED

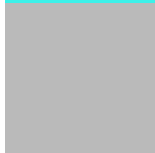


Tritanomaly
4FEEF7

Monochromacy



Original Color
3DF1E9



Achromatopsia
BABABA



Achromatomaly
8DCECB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DF1E9 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 #3DF1E9 looks like.

```
.text, #text, p{  
    color:#3DF1E9  
}
```

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 #3DF1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF1E9
}
```

Border

The CSS property to change the border of an element to Hex 3DF1E9 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
#3DF1E9 }
```

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

```
.border{ border-color:#3DF1E9 }
```

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

Here you see how a box with a 4 pixel #3DF1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF1E9; -webkit-box-shadow:4px 4px  
4px 4px #3DF1E9; box-shadow:4px 4px 4px  
4px #3DF1E9 }
```

Background

The CSS property to change the background color of an element to Hex 3DF1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF1E9 }
```

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

```
.background{ background-color:#3DF1E9 }
```

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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