

Converting Colors

Hex(3DF1D1)

Have a look what the booklet for
Hex(3DF1D1) contains.

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Color

Hex(3DF1D1)

Conversions

Conversions Part 1

Format	Color
Hex	3DF1D1
RGB	61, 241, 209
RGB Percent	24%, 95%, 82%
CMY	0.7608, 0.0549, 0.1804
CMYK	0.75, 0.00, 0.13, 0.05
HSL	169°, 87%, 59%
HSV	169°, 75%, 95%
XYZ	44.8884, 68.5061, 71.1787
YIQ	183.5320, -97.0080, -48.1120

Conversions

Conversions Part 2

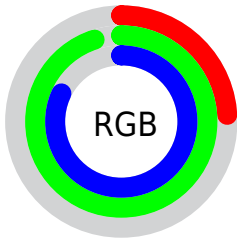
Format	Color
RYB	61, 160, 241
Decimal	4059601
CIELab	86.26, -51.40, 2.73
CIELCh	86, 51.468, 176.958
Yxy	68.5061, 0.2432, 0.3712
Android (android.graphics.Color)	4282249681 (0xFF3DF1D1)
YUV	183.5320, 12.5557, -107.4606
Hunter-Lab	82.7684, -48.0376, 6.9500

Details

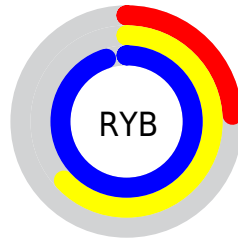
The Hex color **3DF1D1** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F13D5D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **86FFFF**, and **00B89B** is the 20% darker color. If you saturate the color by 10%, you get **25F1CD**, and if you desaturate by 10%, it is **55F1D5**.

Distribution



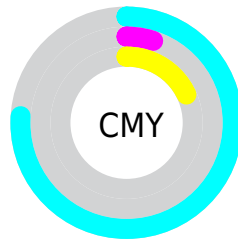
- Red (24%)
- Green (95%)
- Blue (82%)



- Red (24%)
- Yellow (63%)
- Blue (95%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)



- Cyan (76%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DF1D1 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 3DF1D1 by changing the saturation by 10% instead.

 3DF1D1

 3DF1D1

FFFFFF

 00D4B5

 86FFFF

 00B89B

 A7FFFF

 009C81

 C6FFFF

 008168

 E6FFFF

 006750

 004E39

 003623

 001E0E

 000000

 3DF1D1

 3DF1D1

 25F1CD

 55F1D5

 0DF1C8

 6DF1DA

 00F1C6

 85F1DE

 9DF1E2

 B6F1E6

 CEF1EB

 E6F1EF

 FEF1F3

 FFF1F8

Harmonies

Analogous

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



8FECA1



3DF1D1



00F1FF

Triad

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



3DF1D1



D5CDFF



FFC287

Complementary

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



3DF1D1



F13D5D

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.



FFB4AE



3DF1D1



FFBBFF

Square

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



3DF1D1



80DEFF



FFB1DF



FBD375

Rectangle

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



3DF1D1



00EDFF



FFB1DF



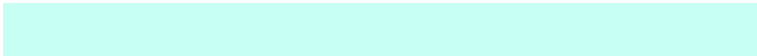
FFBD93

Sweetspot

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



3DF1D1



C7FFF5



5EF13D



5E807A



000000



808080

Same Dimension

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



3DF1D1



19FFD6



3DB8F1



6C7876



00B897



00382E

Inverse Universe

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



F13D5D



FF1942



F1763D



786C6E



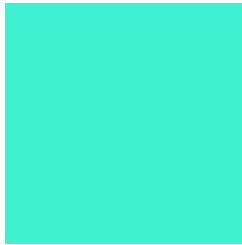
B80021



38000A

Previews

White Background



This preview shows how the Hex color 3DF1D1 looks on a white background.

Color Contrast Check

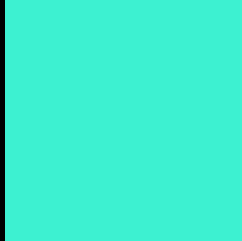
Large Text (above 18pt) WCAG AA × Fail

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 3DF1D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

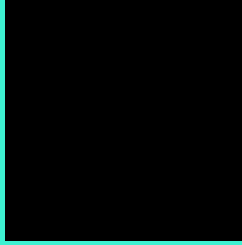
Any Text WCAG AA ✓ Pass

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 3DF1D1 Background



This preview shows how black text looks on a background with the Hex color 3DF1D1.

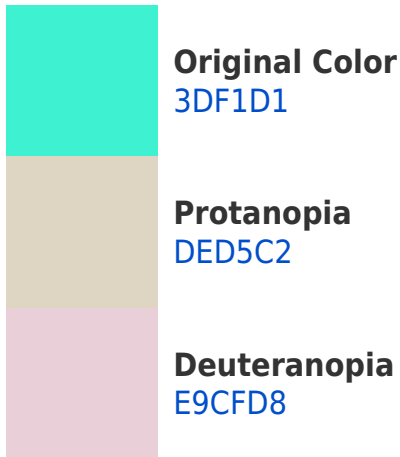


This preview shows how white text looks on a background with the Hex color 3DF1D1.

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



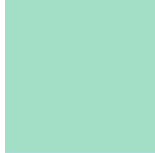


Tritanopia
57EBFE

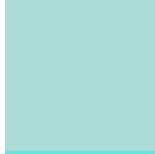
Trichromacy



Original Color
3DF1D1



Protanomaly
A3DFC7



Deuteranomaly
AADB D5

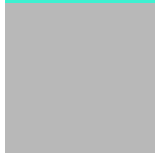


Tritanomaly
4EEDEE

Monochromacy



Original Color
3DF1D1



Achromatopsia
B8B8B8



Achromatomaly
8BCDC1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DF1D1 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 #3DF1D1 looks like.

```
.text, #text, p{  
    color:#3DF1D1  
}
```

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 #3DF1D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DF1D1
}
```

Border

The CSS property to change the border of an element to Hex 3DF1D1 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
#3DF1D1 }
```

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

```
.border{ border-color:#3DF1D1 }
```

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

Here you see how a box with a 4 pixel #3DF1D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DF1D1; -webkit-box-shadow:4px 4px  
4px 4px #3DF1D1; box-shadow:4px 4px 4px  
4px #3DF1D1 }
```

Background

The CSS property to change the background color of an element to Hex 3DF1D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DF1D1 }
```

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

```
.background{ background-color:#3DF1D1 }
```

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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