

Converting Colors

Hex(5DF1F1)

Have a look what the booklet for
Hex(5DF1F1) contains.

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Color

Hex(5DF1F1)

Conversions

Conversions Part 1

Format	Color
Hex	5DF1F1
RGB	93, 241, 241
RGB Percent	36%, 95%, 95%
CMY	0.6353, 0.0549, 0.0549
CMYK	0.61, 0.00, 0.00, 0.05
HSL	180°, 84%, 65%
HSV	180°, 61%, 95%
XYZ	51.8467, 71.5886, 94.3045
YIQ	196.7480, -88.2080, -31.3760

Conversions

Conversions Part 2

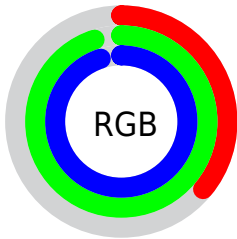
Format	Color
RYB	93, 167, 241
Decimal	6156785
CIELab	87.77, -38.75, -11.73
CIELCh	88, 40.485, 196.840
Yxy	71.5886, 0.2381, 0.3288
Android (android.graphics.Color)	4284346865 (0xFF5DF1F1)
YUV	196.7480, 21.8162, -90.9870
Hunter-Lab	84.6101, -38.6878, -6.8563

Details

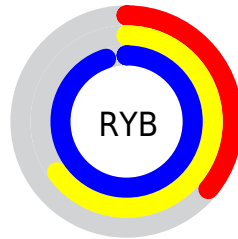
The Hex color **5DF1F1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F15D5D**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **9EFFFF**, and **00B8B9** is the 20% darker color. If you saturate the color by 10%, you get **45F1F1**, and if you desaturate by 10%, it is **75F1F1**.

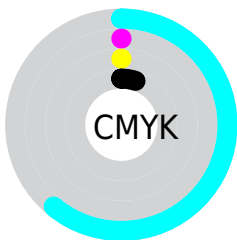
Distribution



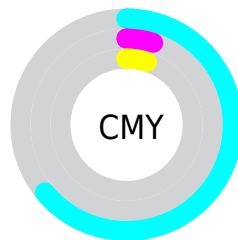
- Red (36%)
- Green (95%)
- Blue (95%)



- Red (36%)
- Yellow (65%)
- Blue (95%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DF1F1 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 5DF1F1 by changing the saturation by 10% instead.

 5DF1F1

 5DF1F1

FFFFFF

 36D4D5

 9EFFFF

 00B8B9

 BDFFFF

 009D9E

 DCFFFF

 008284

 FBFFFF

 00696B

 005053

 00383C

 002326

 000112

 5DF1F1

 5DF1F1

 45F1F1

 75F1F1

 2DF1F1

 8DF1F1

 15F1F1

 A5F1F1

 00F1F1

 BDF1F1

 D5F1F1

 EEF1F1

 FFF1F1

Harmonies

Analogous

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



86F0C9



5DF1F1



5BEDFF

Triad

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



5DF1F1



FCCBFF



FFD491

Complementary

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



5DF1F1



F15D5D

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.



FFC7A6



5DF1F1



FFC1EF

Square

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



5DF1F1



C9D8FF



FFBFC8



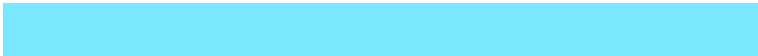
E0E191

Rectangle

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



5DF1F1



79E8FF



FFBFC8



FFCF96

Sweetspot

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



5DF1F1



D1FFFF



5DF15D



638080



000000



808080

Same Dimension

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



5DF1F1



42FFFF



5DA7F1



6C7878



00B8B8



003838

Inverse Universe

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



F15DF1



FF42FF



F1A75D



786C78



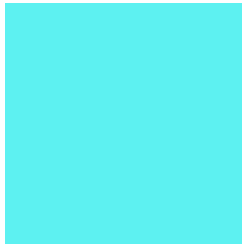
B800B8



380038

Previews

White Background



This preview shows how the Hex color 5DF1F1 looks on a white background.

Color Contrast Check

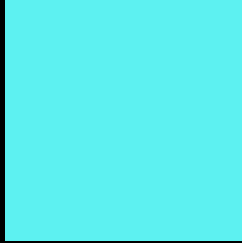
Large Text (above 18pt) WCAG AA × Fail

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 5DF1F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

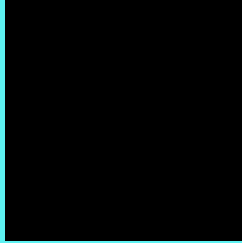
Any Text WCAG AA ✓ Pass

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 5DF1F1 Background



This preview shows how black text looks on a background with the Hex color 5DF1F1.

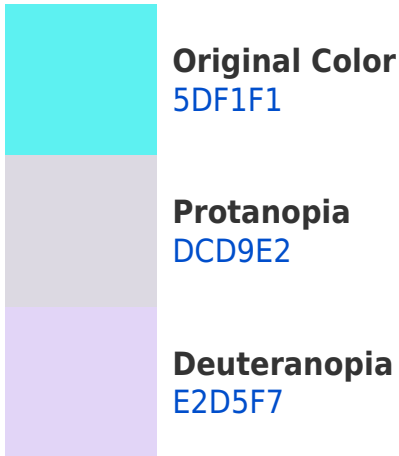


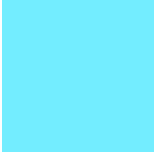
This preview shows how white text looks on a background with the Hex color 5DF1F1.

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
73EDFF

Trichromacy



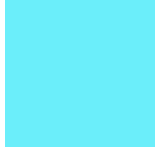
Original Color
5DF1F1



Protanomaly
AEE2E7



Deuteranomaly
B2DFF5

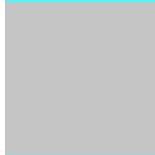


Tritanomaly
6BEEFA

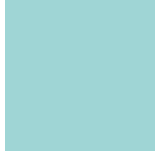
Monochromacy



Original Color
5DF1F1



Achromatopsia
C5C5C5



Achromatomaly
9FD5D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DF1F1 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 #5DF1F1 looks like.

```
.text, #text, p{  
    color:#5DF1F1  
}
```

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 #5DF1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF1F1
}
```

Border

The CSS property to change the border of an element to Hex 5DF1F1 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
#5DF1F1 }
```

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

```
.border{ border-color:#5DF1F1 }
```

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

Here you see how a box with a 4 pixel #5DF1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF1F1; -webkit-box-shadow:4px 4px  
4px 4px #5DF1F1; box-shadow:4px 4px 4px  
4px #5DF1F1 }
```

Background

The CSS property to change the background color of an element to Hex 5DF1F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF1F1 }
```

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

```
.background{ background-color:#5DF1F1 }
```

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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