

Converting Colors

Hex(5DF4F4)

Have a look what the booklet for
Hex(5DF4F4) contains.

Hex(5DF4F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5DF4F4)

Conversions

Conversions Part 1

Format	Color
Hex	5DF4F4
RGB	93, 244, 244
RGB Percent	36%, 96%, 96%
CMY	0.6353, 0.0431, 0.0431
CMYK	0.62, 0.00, 0.00, 0.04
HSL	180°, 87%, 66%
HSV	180°, 62%, 96%
XYZ	53.1940, 73.5602, 96.9829
YIQ	198.8510, -89.9960, -32.0120

Conversions

Conversions Part 2

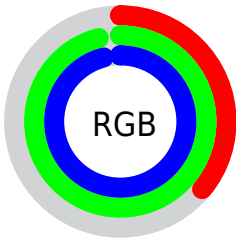
Format	Color
R _{YB}	93, 169, 244
Decimal	6157556
CIE Lab	88.71, -39.31, -11.89
CIE LCh	89, 41.068, 196.828
Yxy	73.5602, 0.2378, 0.3288
Android (android.graphics.Color)	4284347636 (0xFF5DF4F4)
YUV	198.8510, 22.2585, -92.8313
Hunter-Lab	85.7672, -39.3845, -7.0062

Details

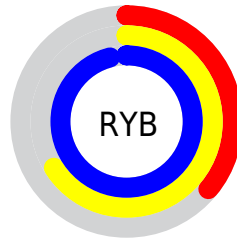
The Hex color **5DF4F4** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F45D5D**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **9FFFFFF**, and **00BBBC** is the 20% darker color. If you saturate the color by 10%, you get **45F4F4**, and if you desaturate by 10%, it is **75F4F4**.

Distribution



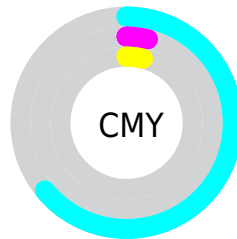
- Red (36%)
- Green (96%)
- Blue (96%)



- Red (36%)
- Yellow (66%)
- Blue (96%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DF4F4 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 5DF4F4 by changing the saturation by 10% instead.

 5DF4F4

 5DF4F4

FFFFFF

 35D7D8


 9FFFFFF

 00BBBC

 BEFFFF

 00A0A1

 DDDFFF

 008587

 FCFFFF

 006B6D

 005255

 003A3E

 002628

 000114

 5DF4F4

 5DF4F4

 45F4F4

 75F4F4

 2CF4F4

 8EF4F4

 14F4F4

 A6F4F4

 00F4F4

 BFF4F4

 D7F4F4

 EFF4F4

 FFF4F4

Harmonies

Analogous

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



87F3CC



5DF4F4



5BF0FF

Triad

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



5DF4F4



FFCDDF



FFD693

Complementary

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



5DF4F4



F45D5D

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.



FFC9A7



5DF4F4



FFC3F2

Square

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



5DF4F4



CBDBFF



FFC2CA



E3E393

Rectangle

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



5DF4F4



7AEBFF



FFC2CA



FFD298

Sweetspot

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



5DF4F4



CFFFFFF



5DF45D



628080



000000



808080

Same Dimension

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



5DF4F4



42FFFF



5DA9F4



6E7A7A



00BABA



003B3B

Inverse Universe

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



F45DF4



FF42FF



F4A95D



7A6E7A



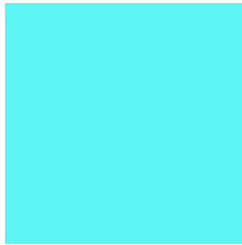
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 5DF4F4 looks on a white background.

Color Contrast Check

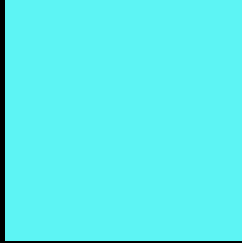
Large Text (above 18pt) WCAG AA × Fail

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 5DF4F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

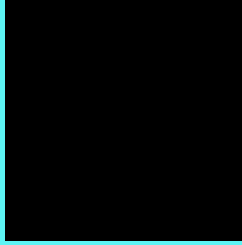
Any Text WCAG AA ✓ Pass

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 5DF4F4 Background



This preview shows how black text looks on a background with the Hex color 5DF4F4.

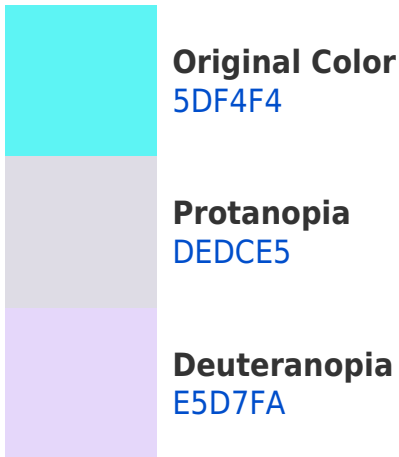


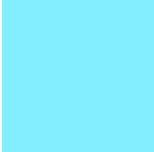
This preview shows how white text looks on a background with the Hex color 5DF4F4.

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
82EEFF

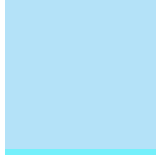
Trichromacy



Original Color
5DF4F4



Protanomaly
AFE5EA



Deuteranomaly
B4E2F8

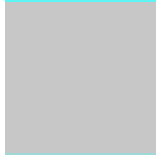


Tritanomaly
75F0FB

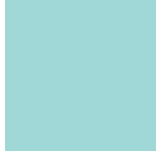
Monochromacy



Original Color
5DF4F4



Achromatopsia
C7C7C7



Achromatomaly
A0D7D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DF4F4 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 #5DF4F4 looks like.

```
.text, #text, p{  
    color:#5DF4F4  
}
```

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 #5DF4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DF4F4
}
```

Border

The CSS property to change the border of an element to Hex 5DF4F4 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
#5DF4F4 }
```

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

```
.border{ border-color:#5DF4F4 }
```

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

Here you see how a box with a 4 pixel #5DF4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DF4F4; -webkit-box-shadow:4px 4px  
4px 4px #5DF4F4; box-shadow:4px 4px 4px  
4px #5DF4F4 }
```

Background

The CSS property to change the background color of an element to Hex 5DF4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DF4F4 }
```

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

```
.background{ background-color:#5DF4F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor