

Converting Colors

Hex(5FBDF3)

Have a look what the booklet for
Hex(5FBDF3) contains.

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Color

Hex(5FBDF3)

Conversions

Conversions Part 1

Format	Color
Hex	5FBDF3
RGB	95, 189, 243
RGB Percent	37%, 74%, 95%
CMY	0.6275, 0.2588, 0.0471
CMYK	0.61, 0.22, 0.00, 0.05
HSL	202°, 86%, 66%
HSV	202°, 61%, 95%
XYZ	39.0946, 45.2992, 91.4771
YIQ	167.0500, -73.3580, -3.1340

Conversions

Conversions Part 2

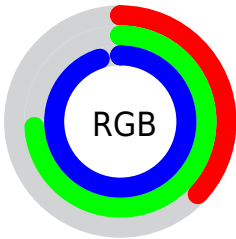
Format	Color
RYB	95, 152, 243
Decimal	6274547
CIELab	73.09, -12.16, -35.12
CIELCh	73, 37.162, 250.906
Yxy	45.2992, 0.2223, 0.2576
Android (android.graphics.Color)	4284464627 (0xFF5FBDF3)
YUV	167.0500, 37.4434, -63.1878
Hunter-Lab	67.3046, -14.0996, -33.4708

Details

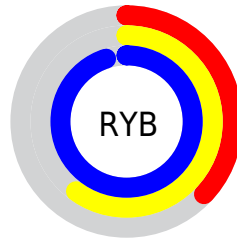
The Hex color **5FBDF3** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **F3955F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **9DF5FF**, and **0288BB** is the 20% darker color. If you saturate the color by 10%, you get **47B4F3**, and if you desaturate by 10%, it is **77C6F3**.

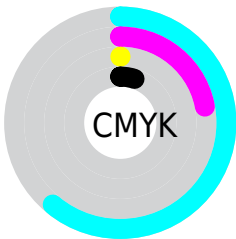
Distribution



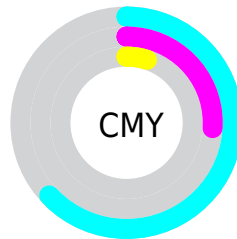
- Red (37%)
- Green (74%)
- Blue (95%)



- Red (37%)
- Yellow (60%)
- Blue (95%)



- Cyan (61%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FBDF3 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 5FBDF3 by changing the saturation by 10% instead.

 5FBDF3

 5FBDF3


FFFFFF

 3DA2D6

 9DF5FF

 0288BB

 BBFFFF

 006E9F

 D9FFFF

 005685

 F7FFFF

 003F6C

 002953

 00163C

 000225

 00010E

■ 5FBDF3

■ 5FBDF3

■ 47B4F3

■ 77C6F3

■ 2EABF3

■ 90CFF3

■ 16A2F3

■ A8D8F3

■ 009AF3

■ C0E0F3

■ D8E9F3

■ F1F2F3

■ FFFBF3

■ FFFFF3

Harmonies

Analogous

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



32C4DF



5FBDF3



97B3F6

Triad

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



5FBDF3



F699A8



98BF7F

Complementary

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



5FBDF3



F3955F

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.



BEB570



5FBDF3



F19F88

Square

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



5FBDF3



E89CCB



DDAA74



6FC49C

Rectangle

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



5FBDF3



B9AAEE



DDAA74



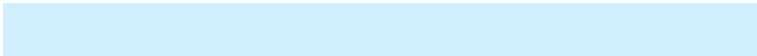
A5BC78

Sweetspot

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



5FBDF3



D1EEFF



5FF393



637580



000000



808080

Same Dimension

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



5FBDF3



45BBFF



5F75F3



6E767A



0076BA



00253B

Inverse Universe

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



F35FBD



FF45BB



F3DD5F



7A6E76



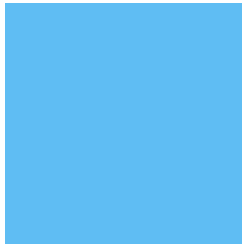
BA0076



3B0025

Previews

White Background



This preview shows how the Hex color 5FBDF3 looks on a white background.

Color Contrast Check

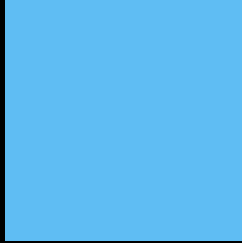
Large Text (above 18pt) WCAG AA × Fail

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 5FBDF3 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

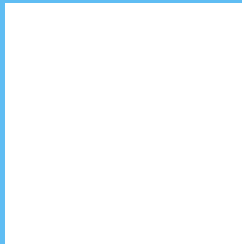
Any Text WCAG AAA ✓ Pass

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

Hex 5FBDF3 Background



This preview shows how black text looks on a background with the Hex color 5FBDF3.

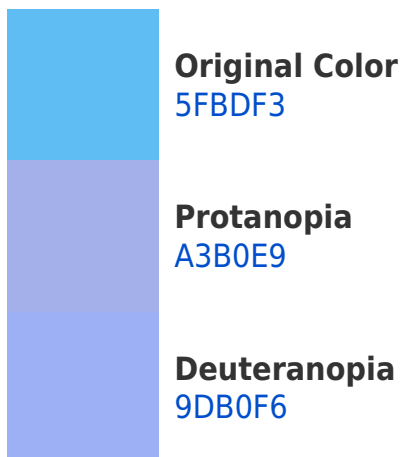


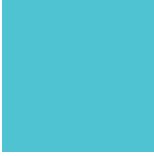
This preview shows how white text looks on a background with the Hex color 5FBDF3.

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](#).

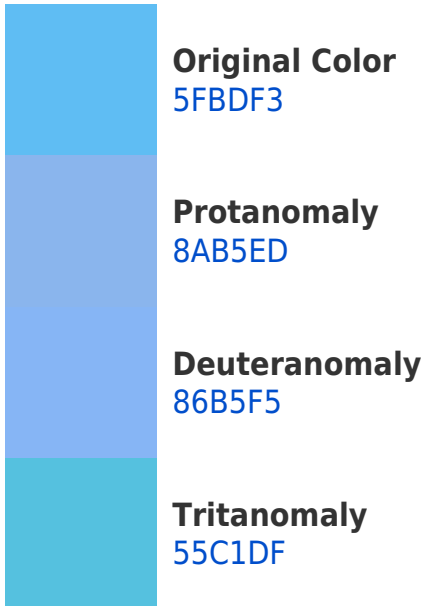
Dichromacy



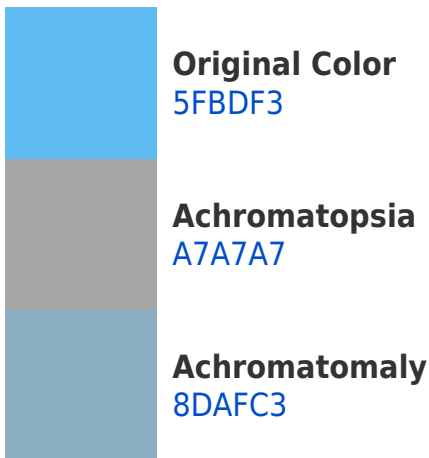


Tritanopia
50C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FBDF3 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 #5FBDF3 looks like.

```
.text, #text, p{  
    color:#5FBDF3  
}
```

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 #5FBDF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FBDF3
}
```

Border

The CSS property to change the border of an element to Hex 5FBDF3 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
#5FBDF3 }
```

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

```
.border{ border-color:#5FBDF3 }
```

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

Here you see how a box with a 4 pixel #5FBDF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FBDF3; -webkit-box-shadow:4px 4px  
4px 4px #5FBDF3; box-shadow:4px 4px 4px  
4px #5FBDF3 }
```

Background

The CSS property to change the background color of an element to Hex 5FBDF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FBDF3 }
```

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

```
.background{ background-color:#5FBDF3 }
```

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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