

Converting Colors

Hex(5BDEF3)

Have a look what the booklet for
Hex(5BDEF3) contains.

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Color

Hex(5BDEF3)

Conversions

Conversions Part 1

Format	Color
Hex	5BDEF3
RGB	91, 222, 243
RGB Percent	36%, 87%, 95%
CMY	0.6431, 0.1294, 0.0471
CMYK	0.63, 0.09, 0.00, 0.05
HSL	188°, 86%, 65%
HSV	188°, 63%, 95%
XYZ	46.6133, 60.9378, 94.0994
YIQ	185.2250, -84.8170, -21.2410

Conversions

Conversions Part 2

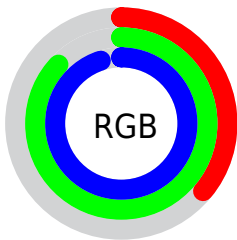
Format	Color
R _Y B	91, 161, 243
Decimal	6020851
CIE Lab	82.35, -29.60, -20.94
CIE LCh	82, 36.262, 215.280
Yxy	60.9378, 0.2312, 0.3022
Android (android.graphics.Color)	4284210931 (0xFF5BDEF3)
YUV	185.2250, 28.4831, -82.6353
Hunter-Lab	78.0626, -30.0224, -16.8264

Details

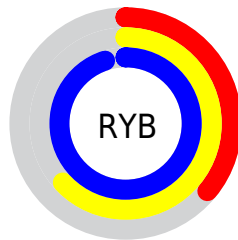
The Hex color **5BDEF3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F3705B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **9BFFFF**, and **00A7BB** is the 20% darker color. If you saturate the color by 10%, you get **43DBF3**, and if you desaturate by 10%, it is **73E1F3**.

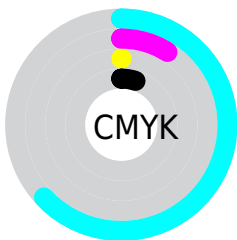
Distribution



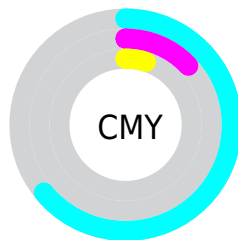
- Red (36%)
- Green (87%)
- Blue (95%)



- Red (36%)
- Yellow (63%)
- Blue (95%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BDEF3 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 5BDEF3 by changing the saturation by 10% instead.

 5BDEF3

 5BDEF3

FFFFFF

 35C2D7

 9BFFFF

 00A7BB

 BAFFFF

 008CA0

 D9FFFF

 007286

 F8FFFF

 00596C

 004154

 002B3D

 001127

 000111

■ 5BDEF3

■ 5BDEF3

■ 43DBF3

■ 73E1F3

■ 2AD7F3

■ 8CE5F3

■ 12D4F3

■ A4E8F3

■ 00D1F3

■ BCEBF3

■ D4EFF3

■ EDF2F3

■ FFF6F3

■ FFF9F3

■ FFFCF3

Harmonies

Analogous

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



6CE0D2



5BDEF3



76D8FF

Triad

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



5BDEF3



FDB7EA



DFCD89

Complementary

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



5BDEF3



F3705B

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.



FCC190



5BDEF3



FFB3C8

Square

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



5BDEF3



D9C2FF



FFB7A7



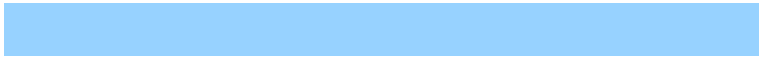
BAD794

Rectangle

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



5BDEF3



97D2FF



FFB7A7



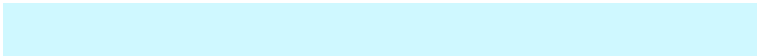
EAC989

Sweetspot

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



5BDEF3



CFF8FF



5BF36F



627B80



000000



808080

Same Dimension

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



5BDEF3



40E5FF



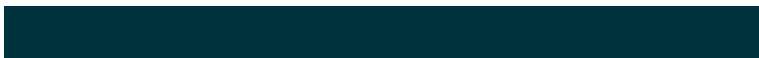
5B93F3



6E797A



00A0BA



00333B

Inverse Universe

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



F35BDE



FF40E5



F3BB5B



7A6E79



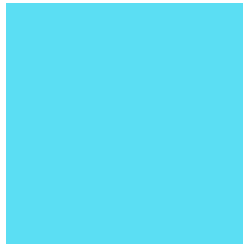
BA00A0



3B0033

Previews

White Background



This preview shows how the Hex color 5BDEF3 looks on a white background.

Color Contrast Check

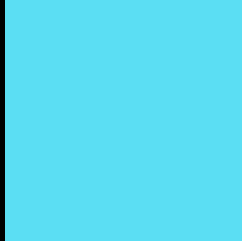
Large Text (above 18pt) WCAG AA × Fail

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 5BDEF3 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 5BDEF3 Background



This preview shows how black text looks on a background with the Hex color 5BDEF3.

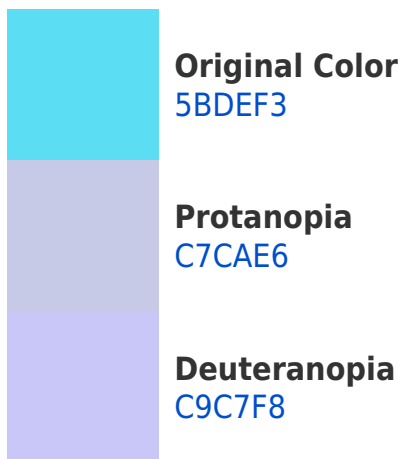


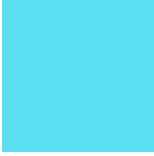
This preview shows how white text looks on a background with the Hex color 5BDEF3.

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

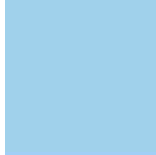




Trichromacy



Original Color
5BDEF3



Protanomaly
A0D1EB



Deuteranomaly
A1CFF6

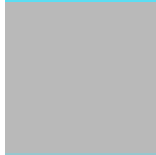


Tritanomaly
5ADEF1

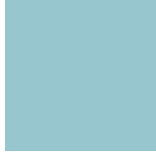
Monochromacy



Original Color
5BDEF3



Achromatopsia
B9B9B9



Achromatomaly
97C6CE

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BDEF3 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 #5BDEF3 looks like.

```
.text, #text, p{  
    color:#5BDEF3  
}
```

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 #5BDEF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDEF3
}
```

Border

The CSS property to change the border of an element to Hex 5BDEF3 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
#5BDEF3 }
```

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

```
.border{ border-color:#5BDEF3 }
```

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

Here you see how a box with a 4 pixel #5BDEF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDEF3; -webkit-box-shadow:4px 4px  
4px 4px #5BDEF3; box-shadow:4px 4px 4px  
4px #5BDEF3 }
```

Background

The CSS property to change the background color of an element to Hex 5BDEF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDEF3 }
```

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

```
.background{ background-color:#5BDEF3 }
```

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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