

Converting Colors

Hex(5EB7D5)

Have a look what the booklet for
Hex(5EB7D5) contains.

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Color

Hex(5EB7D5)

Conversions

Conversions Part 1

Format	Color
Hex	5EB7D5
RGB	94, 183, 213
RGB Percent	37%, 72%, 84%
CMY	0.6314, 0.2824, 0.1647
CMYK	0.56, 0.14, 0.00, 0.16
HSL	195°, 59%, 60%
HSV	195°, 56%, 84%
XYZ	33.5598, 41.0508, 69.1056
YIQ	159.8090, -62.6740, -9.5380

Conversions

Conversions Part 2

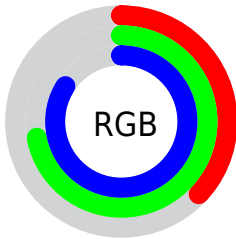
Format	Color
RYB	94, 145, 213
Decimal	6207445
CIELab	70.21, -18.20, -23.24
CIELCh	70, 29.517, 231.923
Yxy	41.0508, 0.2335, 0.2856
Android (android.graphics.Color)	4284397525 (0xFF5EB7D5)
YUV	159.8090, 26.2232, -57.7145
Hunter-Lab	64.0709, -18.6271, -19.0994

Details

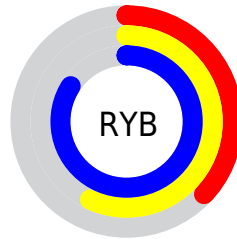
The Hex color **5EB7D5** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **D57C5E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **99EFFF**, and **16829E** is the 20% darker color. If you saturate the color by 10%, you get **49B2D5**, and if you desaturate by 10%, it is **73BCD5**.

Distribution



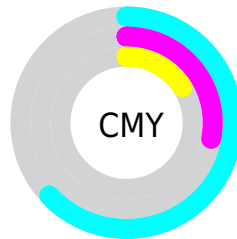
- Red (37%)
- Green (72%)
- Blue (84%)



- Red (37%)
- Yellow (57%)
- Blue (84%)



- Cyan (56%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EB7D5 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 5EB7D5 by changing the saturation by 10% instead.

 5EB7D5

 5EB7D5

FFFFFF

 3F9CB9

 99EFFF

 16829E

 B6FFFF

 006984

 D3FFFF

 00506B

 F1FFFF

 003952

 00243B

 000426

 00010F

 000000

■ 5EB7D5

■ 5EB7D5

■ 49B2D5

■ 73BCD5

■ 33ACD5

■ 89C2D5

■ 1EA7D5

■ 9EC7D5

■ 09A2D5

■ B3CCD5

■ 009FD5

■ C9D2D5

■ DED7D5

■ F3DDD5

■ FFE2D5

■ FFE7D5

Harmonies

Analogous

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



58BABF



5EB7D5



7EB0E0

Triad

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



5EB7D5



DC98B4



AAB079

Complementary

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



5EB7D5



D57C5E

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.



C5A777



5EB7D5



E29999

Square

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



5EB7D5



C79ECD



D99F82



8BB78A

Rectangle

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



5EB7D5



99ABE0



D99F82



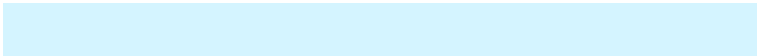
B4AD77

Sweetspot

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



5EB7D5



D4F4FF



5ED57C



667980



000000



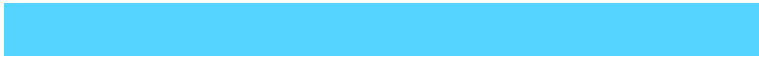
808080

Same Dimension

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



5EB7D5



54D4FF



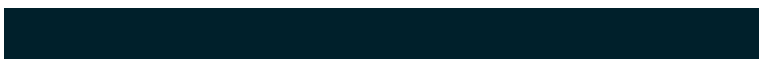
5E7CD5



60686B



0080AB



00202B

Inverse Universe

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



D55EB7



FF54D4



D5B75E



6B6068



AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 5EB7D5 looks on a white background.

Color Contrast Check

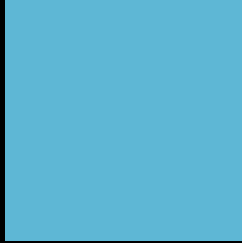
Large Text (above 18pt) WCAG AA × Fail

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 5EB7D5 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 5EB7D5 Background



This preview shows how black text looks on a background with the Hex color 5EB7D5.

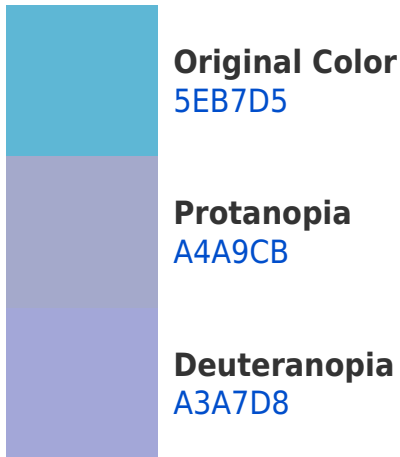


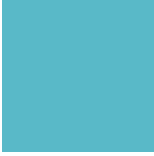
This preview shows how white text looks on a background with the Hex color 5EB7D5.

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](#).

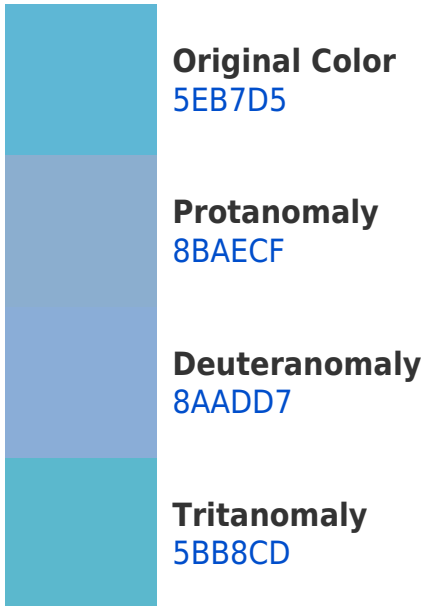
Dichromacy



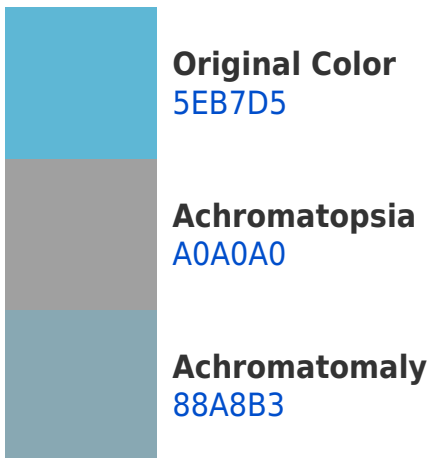


Tritanopia
59B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EB7D5 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 #5EB7D5 looks like.

```
.text, #text, p{  
    color:#5EB7D5  
}
```

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 #5EB7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EB7D5  
}
```

Border

The CSS property to change the border of an element to Hex 5EB7D5 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  
#5EB7D5 }
```

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

```
.border{ border-color:#5EB7D5 }
```

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

Here you see how a box with a 4 pixel #5EB7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EB7D5; -webkit-box-shadow:4px 4px  
4px 4px #5EB7D5; box-shadow:4px 4px 4px  
4px #5EB7D5 }
```

Background

The CSS property to change the background color of an element to Hex 5EB7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EB7D5 }
```

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

```
.background{ background-color:#5EB7D5 }
```

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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