

Converting Colors

Hex(5BD1E9)

Have a look what the booklet for
Hex(5BD1E9) contains.

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Color

Hex(5BD1E9)

Conversions

Conversions Part 1

Format	Color
Hex	5BD1E9
RGB	91, 209, 233
RGB Percent	36%, 82%, 91%
CMY	0.6431, 0.1804, 0.0863
CMYK	0.61, 0.10, 0.00, 0.09
HSL	190°, 76%, 64%
HSV	190°, 61%, 91%
XYZ	41.8228, 53.7083, 85.2532
YIQ	176.4540, -78.0320, -17.5520

Conversions

Conversions Part 2

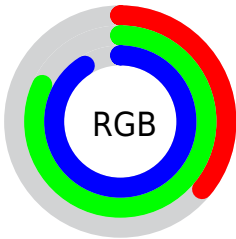
Format	Color
R_{YB}	91, 155, 233
Decimal	6017513
CIE _{Lab}	78.29, -26.13, -21.77
CIE _{LCh}	78, 34.005, 219.798
Yxy	53.7083, 0.2313, 0.2971
Android (android.graphics.Color)	4284207593 (0xFF5BD1E9)
YUV	176.4540, 27.8772, -74.9432
Hunter-Lab	73.2859, -26.3839, -17.6717

Details

The Hex color **5BD1E9** 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 **E9735B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **99FFFF**, and **009AB1** is the 20% darker color. If you saturate the color by 10%, you get **44CDE9**, and if you desaturate by 10%, it is **72D5E9**.

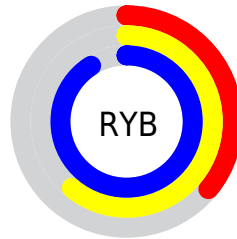
Distribution



Red (36%)

Green (82%)

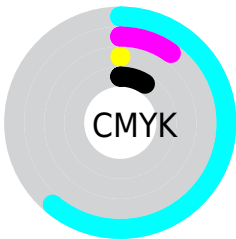
Blue (91%)



Red (36%)

Yellow (61%)

Blue (91%)

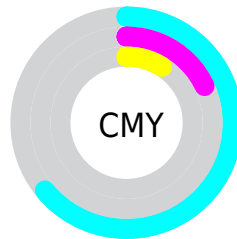


Cyan (61%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BD1E9 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 5BD1E9 by changing the saturation by 10% instead.

5BD1E9

5BD1E9

FFFFFF

37B5CD

99FFFF

009AB1

B8FFFF

008097

D6FFFF

00677D

F5FFFF

004E64

00374C

002335

000220

000004

■ 5BD1E9

■ 5BD1E9

■ 44CDE9

■ 72D5E9

■ 2CC9E9

■ 8AD9E9

■ 15C5E9

■ A1DDE9

■ 00C2E9

■ B8E1E9

■ D0E5E9

■ E7E9E9

■ FEEDE9

■ FFF1E9

■ FFF4E9

Harmonies

Analogous

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



64D3CB



5BD1E9



79CBFC

Triad

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



5BD1E9



F2ADD8



CDC383

Complementary

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



5BD1E9



E9735B

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.



EAB887



5BD1E9



FFAAB8

Square

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



5BD1E9



D3B6F2



FDAF9B



AACC90

Rectangle

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



5BD1E9



97C5FF



FDAF9B



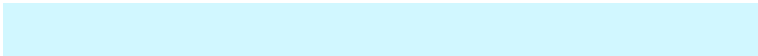
D8C082

Sweetspot

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



5BD1E9



D1F7FF



5BE973



637B80



000000



808080

Same Dimension

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



5BD1E9



45E0FF



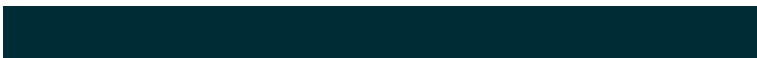
5B8AE9



6A7375



0096B5



002C36

Inverse Universe

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



E95BD1



FF45E0



E9BA5B



756A73



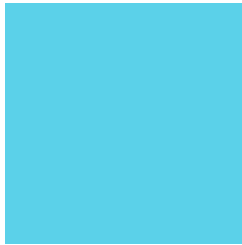
B50096



36002C

Previews

White Background



This preview shows how the Hex color 5BD1E9 looks on a white background.

Color Contrast Check

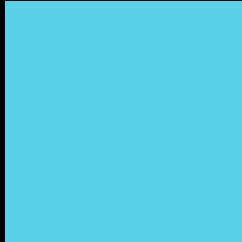
Large Text (above 18pt) WCAG AA × Fail

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 5BD1E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

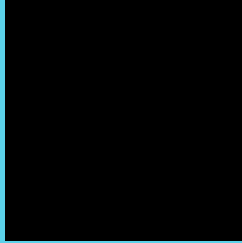
Any Text WCAG AA ✓ Pass

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 5BD1E9 Background



This preview shows how black text looks on a background with the Hex color 5BD1E9.

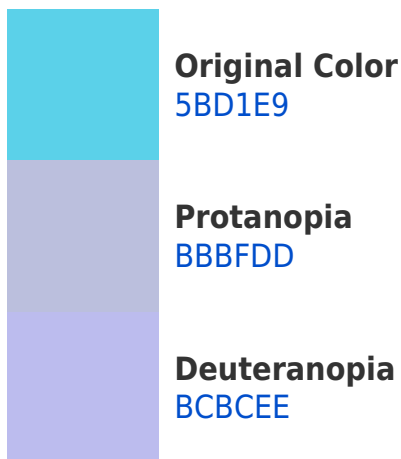


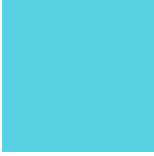
This preview shows how white text looks on a background with the Hex color 5BD1E9.

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](#).

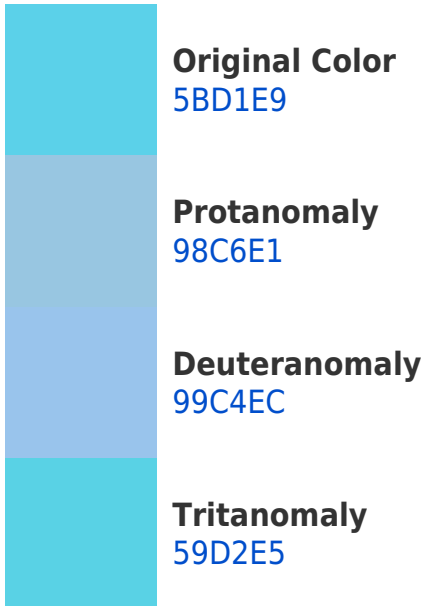
Dichromacy



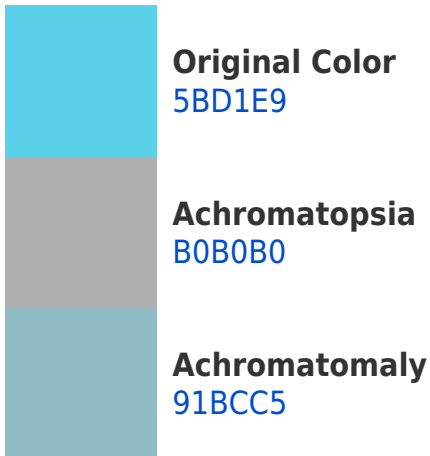


Tritanopia
58D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BD1E9 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 #5BD1E9 looks like.

```
.text, #text, p{  
    color:#5BD1E9  
}
```

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 #5BD1E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD1E9
}
```

Border

The CSS property to change the border of an element to Hex 5BD1E9 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
#5BD1E9 }
```

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

```
.border{ border-color:#5BD1E9 }
```

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

Here you see how a box with a 4 pixel #5BD1E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD1E9; -webkit-box-shadow:4px 4px  
4px 4px #5BD1E9; box-shadow:4px 4px 4px  
4px #5BD1E9 }
```

Background

The CSS property to change the background color of an element to Hex 5BD1E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD1E9 }
```

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

```
.background{ background-color:#5BD1E9 }
```

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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