

Converting Colors

Hex(5EA8D1)

Have a look what the booklet for
Hex(5EA8D1) contains.

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Color

Hex(5EA8D1)

Conversions

Conversions Part 1

Format	Color
Hex	5EA8D1
RGB	94, 168, 209
RGB Percent	37%, 66%, 82%
CMY	0.6314, 0.3412, 0.1804
CMYK	0.55, 0.20, 0.00, 0.18
HSL	201°, 56%, 59%
HSV	201°, 55%, 82%
XYZ	30.1273, 34.9884, 65.4872
YIQ	150.5480, -57.2650, -2.9370

Conversions

Conversions Part 2

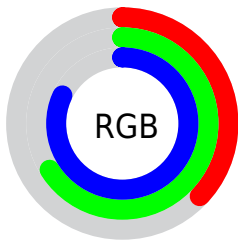
Format	Color
RYB	94, 139, 209
Decimal	6203601
CIELab	65.74, -11.41, -27.89
CIELCh	66, 30.136, 247.747
Yxy	34.9884, 0.2307, 0.2679
Android (android.graphics.Color)	4284393681 (0xFF5EA8D1)
YUV	150.5480, 28.8168, -49.5926
Hunter-Lab	59.1510, -12.5989, -24.2354

Details

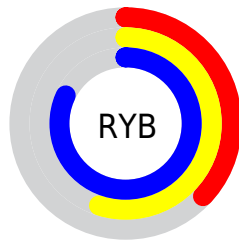
The Hex color **5EA8D1** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D1875E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **98DFFF**, and **1B749A** is the 20% darker color. If you saturate the color by 10%, you get **49A1D1**, and if you desaturate by 10%, it is **73AFD1**.

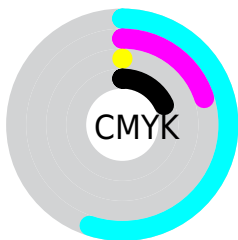
Distribution



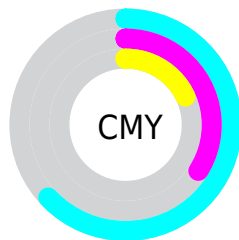
- Red (37%)
- Green (66%)
- Blue (82%)



- Red (37%)
- Yellow (55%)
- Blue (82%)



- Cyan (55%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EA8D1 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 5EA8D1 by changing the saturation by 10% instead.

■ 5EA8D1

■ 5EA8D1

FFFFFF

■ 408EB5

■ 98DFFF

■ 1B749A

■ B5FCFF

■ 005B80

■ D2FFFF

■ 004467

■ F0FFFF

■ 002E4F

■ 001A38

■ 000222

■ 000008

■ 000000

■ 5EA8D1

■ 5EA8D1

■ 49A1D1

■ 73AFD1

■ 3499D1

■ 88B7D1

■ 1F92D1

■ 9DBED1

■ 0A8AD1

■ B2C6D1

■ 0086D1

■ C7CDD1

■ DBD5D1

■ F0DCD1

■ FFE4D1

■ FFEBD1

Harmonies

Analogous

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



46ADC0



5EA8D1



86A0D5

Triad

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



5EA8D1



D58B9A



8EA874

Complementary

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



5EA8D1



D1875E

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.



ACA06A



5EA8D1



D38F80

Square

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



5EA8D1



C88EB5



C4976E



6EAD8A

Rectangle

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



5EA8D1



A199CF



C4976E



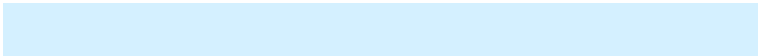
98A66F

Sweetspot

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



5EA8D1



D4F0FF



5ED186



667680



000000



808080

Same Dimension

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



5EA8D1



57C3FF



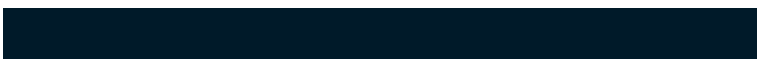
5E6FD1



5E6569



006CA8



001A29

Inverse Universe

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



D15EA8



FF57C3



D1C05E



695E65



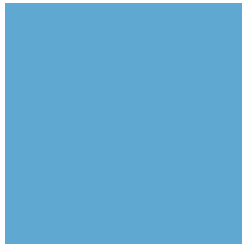
A8006C



29001A

Previews

White Background



This preview shows how the Hex color 5EA8D1 looks on a white background.

Color Contrast Check

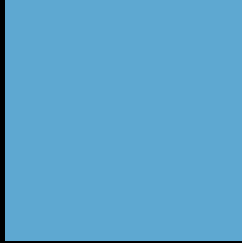
Large Text (above 18pt) WCAG AA × Fail

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 5EA8D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

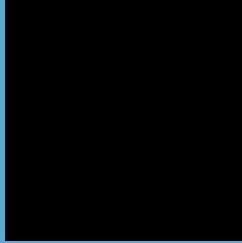
Any Text WCAG AA ✓ Pass

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 5EA8D1 Background



This preview shows how black text looks on a background with the Hex color 5EA8D1.

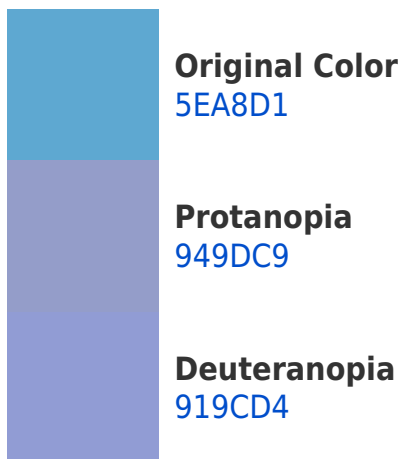


This preview shows how white text looks on a background with the Hex color 5EA8D1.

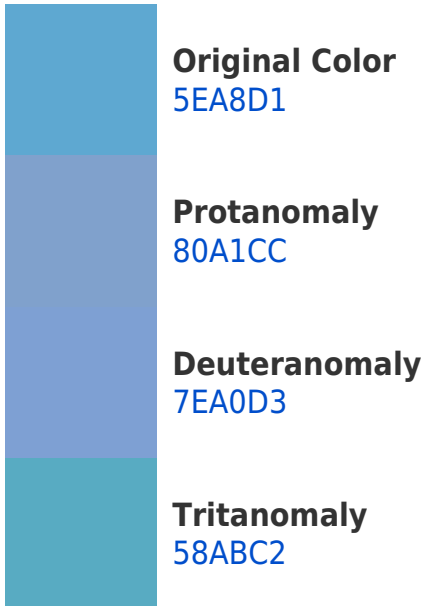
Color Blindness Simulation

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](#).

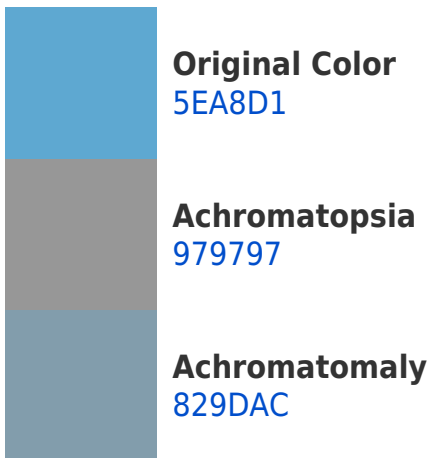
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EA8D1 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 #5EA8D1 looks like.

```
.text, #text, p{  
    color:#5EA8D1  
}
```

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 #5EA8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA8D1
}
```

Border

The CSS property to change the border of an element to Hex 5EA8D1 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
#5EA8D1 }
```

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

```
.border{ border-color:#5EA8D1 }
```

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

Here you see how a box with a 4 pixel #5EA8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA8D1; -webkit-box-shadow:4px 4px  
4px 4px #5EA8D1; box-shadow:4px 4px 4px  
4px #5EA8D1 }
```

Background

The CSS property to change the background color of an element to Hex 5EA8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA8D1 }
```

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

```
.background{ background-color:#5EA8D1 }
```

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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