

Converting Colors

Hex(5EC7E4)

Have a look what the booklet for
Hex(5EC7E4) contains.

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Color

Hex(5EC7E4)

Conversions

Conversions Part 1

Format	Color
Hex	5EC7E4
RGB	94, 199, 228
RGB Percent	37%, 78%, 89%
CMY	0.6314, 0.2196, 0.1059
CMYK	0.59, 0.13, 0.00, 0.11
HSL	193°, 71%, 63%
HSV	193°, 59%, 89%
XYZ	39.0431, 48.8280, 80.7657
YIQ	170.9110, -71.8890, -13.2410

Conversions

Conversions Part 2

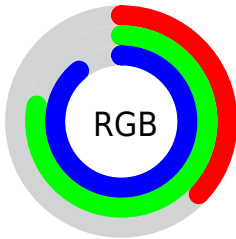
Format	Color
RYB	94, 153, 228
Decimal	6211556
CIELab	75.34, -22.04, -23.55
CIELCh	75, 32.260, 226.899
Yxy	48.8280, 0.2315, 0.2895
Android (android.graphics.Color)	4284401636 (0xFF5EC7E4)
YUV	170.9110, 28.1449, -67.4509
Hunter-Lab	69.8770, -22.5496, -19.6151

Details

The Hex color **5EC7E4** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E47B5E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9BFFFF**, and **0791AD** is the 20% darker color. If you saturate the color by 10%, you get **47C2E4**, and if you desaturate by 10%, it is **75CCE4**.

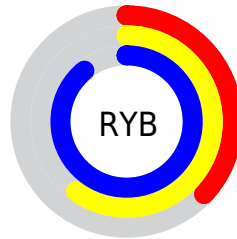
Distribution



Red (37%)

Green (78%)

Blue (89%)



Red (37%)

Yellow (60%)

Blue (89%)

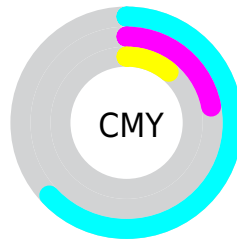


Cyan (59%)

Magenta (13%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (22%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EC7E4 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 5EC7E4 by changing the saturation by 10% instead.

 5EC7E4

 5EC7E4

FFFFFF

 3CACC8

 9BFFFF

 0791AD

 B9FFFF

 007792

 D7FFFF

 005E78

 F5FFFF

 00465F

 003047

 001D31

 00011C

 000000

■ 5EC7E4

■ 5EC7E4

■ 47C2E4

■ 75CCE4

■ 30BDE4

■ 8CD1E4

■ 1AB8E4

■ A2D6E4

■ 03B3E4

■ B9DBE4

■ 00B3E4

■ D0E0E4

■ E7E5E4

■ FEEAE4

■ FFEEE4

■ FFF3E4

Harmonies

Analogous

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



5ECACA



5EC7E4



7FC0F3

Triad

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



5EC7E4



ECA5C8



BDBD80

Complementary

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



5EC7E4



E47B5E

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.



DAB380



5EC7E4



F5A4AA

Square

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



5EC7E4



D2ACE2



EEAA8F



9CC590

Rectangle

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



5EC7E4



9DBAF4



ECAA8F



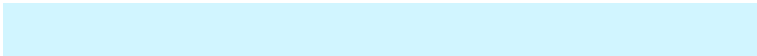
C8BA7E

Sweetspot

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



5EC7E4



D1F5FF



5EE479



637980



000000



808080

Same Dimension

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



5EC7E4



4AD8FF



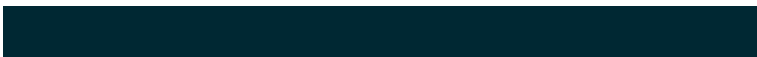
5E86E4



677073



008CB3



002833

Inverse Universe

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



E45EC7



FF4AD8



E4BC5E



736770



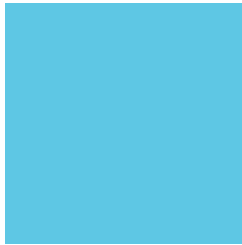
B3008C



330028

Previews

White Background



This preview shows how the Hex color 5EC7E4 looks on a white background.

Color Contrast Check

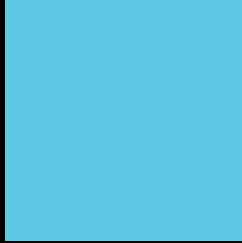
Large Text (above 18pt) WCAG AA × Fail

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 5EC7E4 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 5EC7E4 Background



This preview shows how black text looks on a background with the Hex color 5EC7E4.

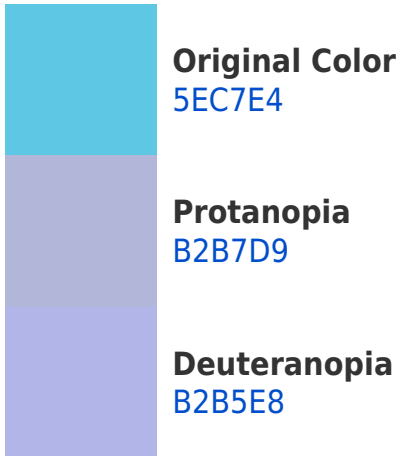


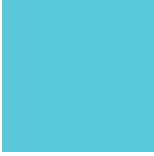
This preview shows how white text looks on a background with the Hex color 5EC7E4.

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](#).

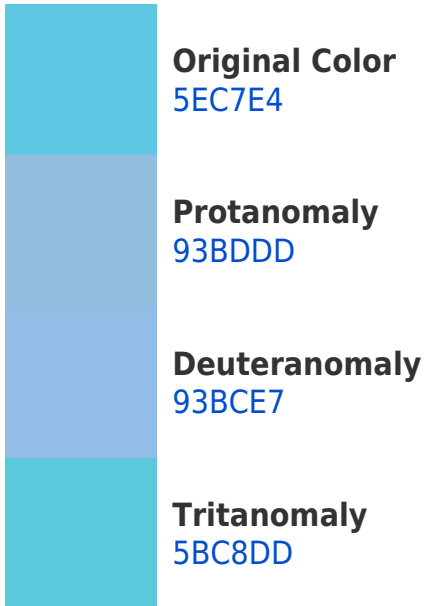
Dichromacy



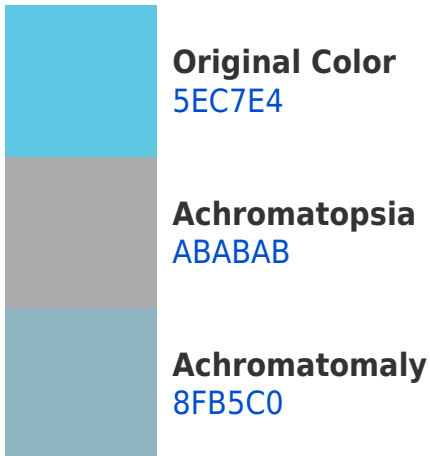


Tritanopia
59C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5EC7E4 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 #5EC7E4 looks like.

```
.text, #text, p{  
    color:#5EC7E4  
}
```

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 #5EC7E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC7E4
}
```

Border

The CSS property to change the border of an element to Hex 5EC7E4 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
#5EC7E4 }
```

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

```
.border{ border-color:#5EC7E4 }
```

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

Here you see how a box with a 4 pixel #5EC7E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC7E4; -webkit-box-shadow:4px 4px  
4px 4px #5EC7E4; box-shadow:4px 4px 4px  
4px #5EC7E4 }
```

Background

The CSS property to change the background color of an element to Hex 5EC7E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC7E4 }
```

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

```
.background{ background-color:#5EC7E4 }
```

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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