

Converting Colors

Hex(5E98E4)

Have a look what the booklet for
Hex(5E98E4) contains.

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Color

Hex(5E98E4)

Conversions

Conversions Part 1

Format	Color
Hex	5E98E4
RGB	94, 152, 228
RGB Percent	37%, 60%, 89%
CMY	0.6314, 0.4039, 0.1059
CMYK	0.59, 0.33, 0.00, 0.11
HSL	214°, 71%, 63%
HSV	214°, 59%, 89%
XYZ	29.8479, 30.4376, 77.7007
YIQ	143.3220, -58.9640, 11.3400

Conversions

Conversions Part 2

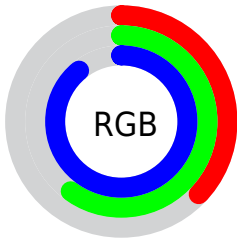
Format	Color
R _Y B	94, 134, 228
Decimal	6199524
CIE Lab	62.03, 3.52, -44.19
CIE LCh	62, 44.330, 274.555
Yxy	30.4376, 0.2163, 0.2206
Android (android.graphics.Color)	4284389604 (0xFF5E98E4)
YUV	143.3220, 41.7463, -43.2554
Hunter-Lab	55.1703, 0.0231, -44.8836

Details

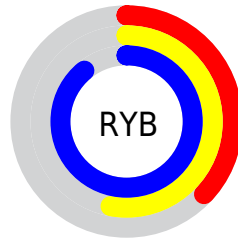
The Hex color **5E98E4** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E4AA5E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **99CEFF**, and **1266AC** is the 20% darker color. If you saturate the color by 10%, you get **478BE4**, and if you desaturate by 10%, it is **75A5E4**.

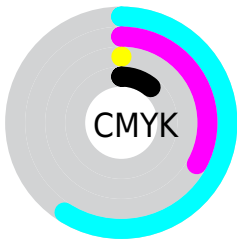
Distribution



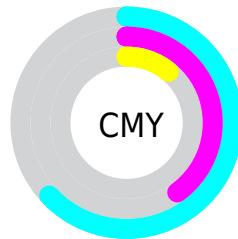
- Red (37%)
- Green (60%)
- Blue (89%)



- Red (37%)
- Yellow (53%)
- Blue (89%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (63%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E98E4 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 5E98E4 by changing the saturation by 10% instead.

■ 5E98E4

■ 5E98E4

FFFFFF

■ 3E7EC8

■ 99CEFF

■ 1266AC

■ B7EAFF

■ 004E91

■ D5FFFF

■ 003877

■ F3FFFF

■ 00235E

■ 000C46

■ 00042F

■ 000119

■ 000000

■ 5E98E4

■ 5E98E4

■ 478BE4

■ 75A5E4

■ 307EE4

■ 8CB2E4

■ 1A71E4

■ A2BFE4

■ 0364E4

■ B9CCE4

■ 0063E4

■ D0D9E4

■ E7E6E4

■ FEF3E4

■ FFFFE4

Harmonies

Analogous

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



00A3DC



5E98E4



A189D7

Triad

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



5E98E4



DD7B6B



4AA773

Complementary

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



5E98E4



E4AA5E

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.



7FA153



5E98E4



C8884F

Square

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



5E98E4



DF7591



A89645



00AA9B

Rectangle

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



5E98E4



C07FC4



A89645



5EA667

Sweetspot

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



5E98E4



D1E5FF



5EE4AA



637080



000000



808080

Same Dimension

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



5E98E4



4A98FF



675EE4



676C73



004DB3



001633

Inverse Universe

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



E45E98



FF4A98



DBE45E



73676C



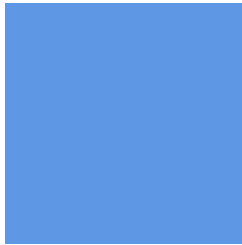
B3004D



330016

Previews

White Background



This preview shows how the Hex color 5E98E4 looks on a white background.

Color Contrast Check

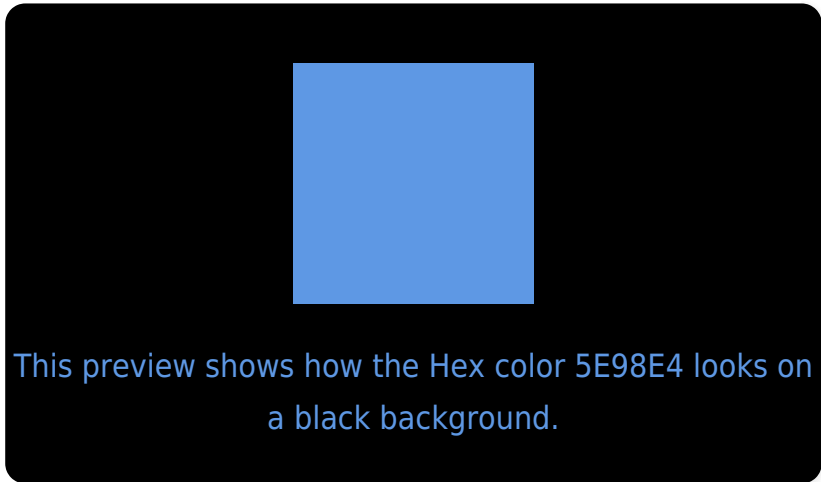
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

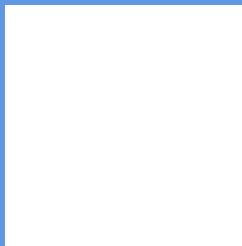
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5E98E4 Background



This preview shows how black text looks on a background with the Hex color 5E98E4.

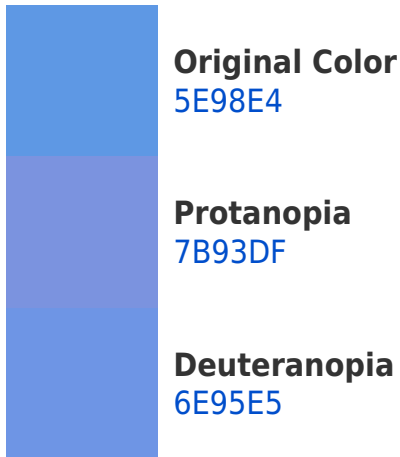


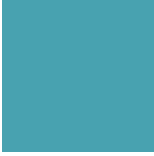
This preview shows how white text looks on a background with the Hex color 5E98E4.

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



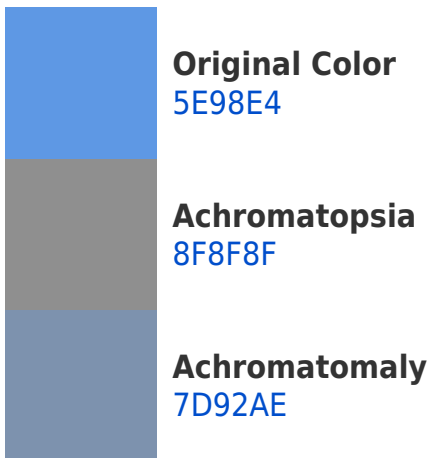


Tritanopia
48A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E98E4 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 #5E98E4 looks like.

```
.text, #text, p{  
    color:#5E98E4  
}
```

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 #5E98E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E98E4
}
```

Border

The CSS property to change the border of an element to Hex 5E98E4 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
#5E98E4 }
```

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

```
.border{ border-color:#5E98E4 }
```

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

Here you see how a box with a 4 pixel #5E98E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E98E4; -webkit-box-shadow:4px 4px  
4px 4px #5E98E4; box-shadow:4px 4px 4px  
4px #5E98E4 }
```

Background

The CSS property to change the background color of an element to Hex 5E98E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E98E4 }
```

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

```
.background{ background-color:#5E98E4 }
```

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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