

Converting Colors

Hex(5B98E2)

Have a look what the booklet for
Hex(5B98E2) contains.

Hex(5B98E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B98E2)

Conversions

Conversions Part 1

Format	Color
Hex	5B98E2
RGB	91, 152, 226
RGB Percent	36%, 60%, 89%
CMY	0.6431, 0.4039, 0.1137
CMYK	0.60, 0.33, 0.00, 0.11
HSL	213°, 70%, 62%
HSV	213°, 60%, 89%
XYZ	29.2701, 30.1716, 76.2325
YIQ	142.1970, -60.1100, 10.0820

Conversions

Conversions Part 2

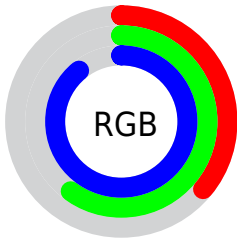
Format	Color
R _Y B	91, 133, 226
Decimal	6002914
CIE Lab	61.80, 2.30, -43.45
CIE LCh	62, 43.511, 273.024
Yxy	30.1716, 0.2157, 0.2224
Android (android.graphics.Color)	4284192994 (0xFF5B98E2)
YUV	142.1970, 41.3149, -44.8998
Hunter-Lab	54.9287, -1.0071, -43.8353

Details

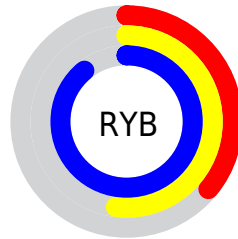
The Hex color **5B98E2** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E2A55B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **97CEFF**, and **0966AA** is the 20% darker color. If you saturate the color by 10%, you get **448CE2**, and if you desaturate by 10%, it is **72A4E2**.

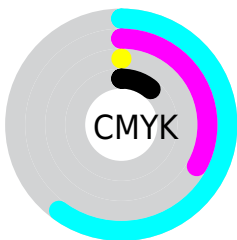
Distribution



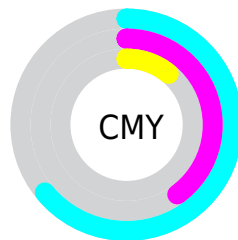
- Red (36%)
- Green (60%)
- Blue (89%)



- Red (36%)
- Yellow (52%)
- Blue (89%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (64%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B98E2 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 5B98E2 by changing the saturation by 10% instead.

■ 5B98E2

■ 5B98E2

FFFFFF

■ 3A7EC6

■ 97CEFF

■ 0966AA

■ B4EAFF

■ 004E8F

■ D2FFFF

■ 003875

■ F0FFFF

■ 00235C

■ 000C44

■ 00032D

■ 000118

■ 000000

■ 5B98E2

■ 5B98E2

■ 448CE2

■ 72A4E2

■ 2E7FE2

■ 88B1E2

■ 1773E2

■ 9FBDE2

■ 0166E2

■ B5CAE2

■ 0066E2

■ CCD6E2

■ E3E2E2

■ F9EFE2

■ FFFBE2

■ FFFF2

Harmonies

Analogous

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



00A2D9



5B98E2



9E8AD6

Triad

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



5B98E2



DB7A6D



4FA671

Complementary

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



5B98E2



E2A55B

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.



819F52



5B98E2



C88751

Square

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



5B98E2



DD7593



A99446



00A998

Rectangle

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



5B98E2



BD80C4



A99446



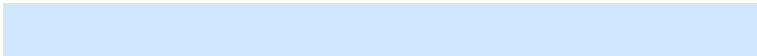
61A465

Sweetspot

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



5B98E2



D1E6FF



5BE2A3



637080



000000



808080

Same Dimension

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



5B98E2



479AFF



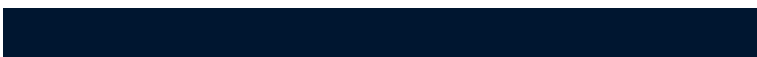
605BE2



656A70



0050B0



001630

Inverse Universe

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



E25B98



FF479A



DEE25B



70656A



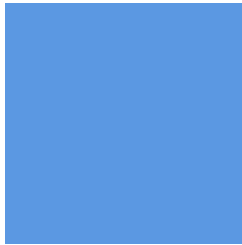
B00050



300016

Previews

White Background



This preview shows how the Hex color 5B98E2 looks on a white background.

Color Contrast Check

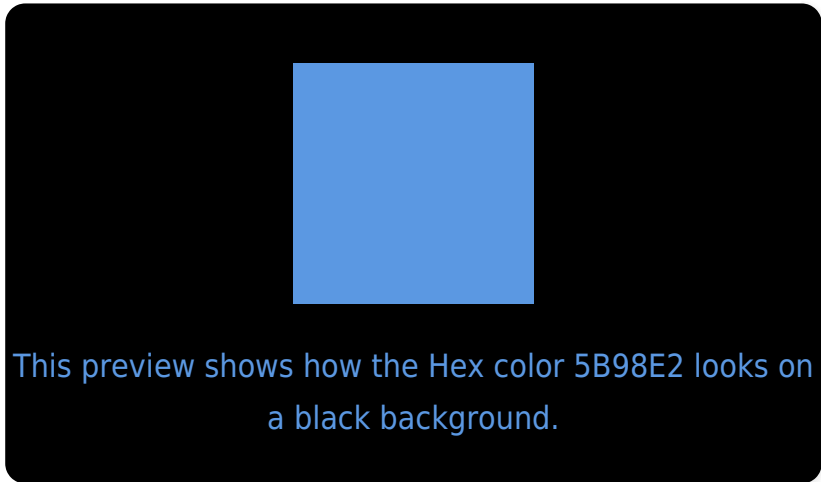
Large Text (above 18pt) WCAG AA × Fail

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

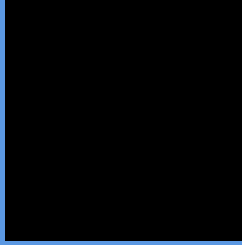
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

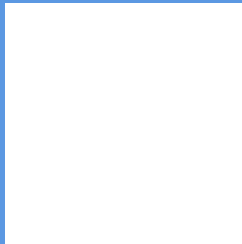
Any Text WCAG AAA ✓ Pass

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

Hex 5B98E2 Background



This preview shows how black text looks on a background with the Hex color 5B98E2.

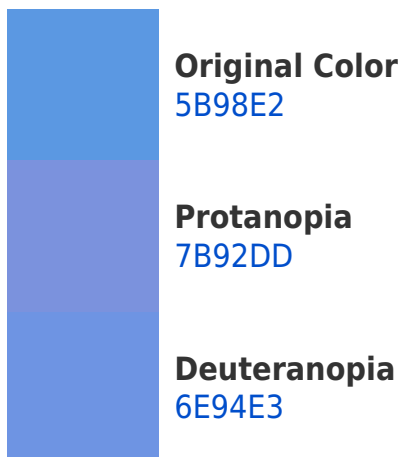


This preview shows how white text looks on a background with the Hex color 5B98E2.

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](#).

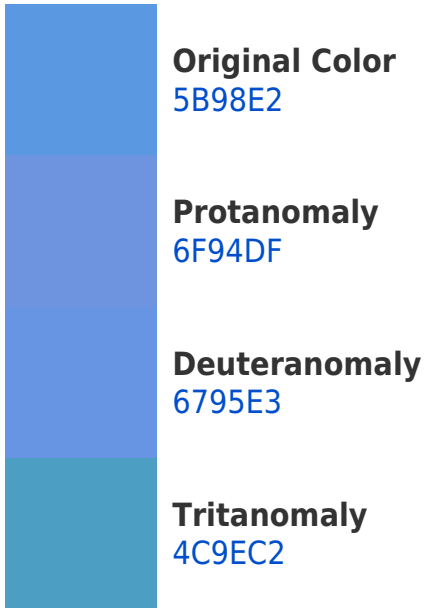
Dichromacy



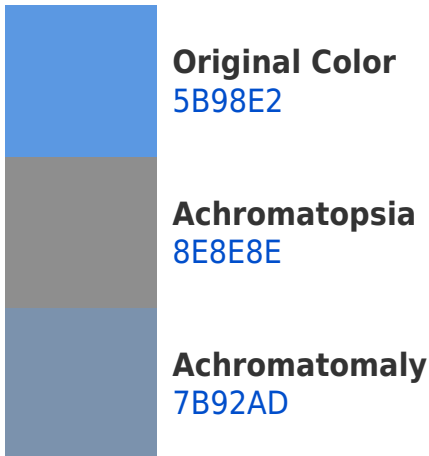


Tritanopia
44A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B98E2 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 #5B98E2 looks like.

```
.text, #text, p{  
    color:#5B98E2  
}
```

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 #5B98E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B98E2
}
```

Border

The CSS property to change the border of an element to Hex 5B98E2 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
#5B98E2 }
```

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

```
.border{ border-color:#5B98E2 }
```

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

Here you see how a box with a 4 pixel #5B98E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B98E2; -webkit-box-shadow:4px 4px  
4px 4px #5B98E2; box-shadow:4px 4px 4px  
4px #5B98E2 }
```

Background

The CSS property to change the background color of an element to Hex 5B98E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B98E2 }
```

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

```
.background{ background-color:#5B98E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor