

Converting Colors

Hex(5698E3)

Have a look what the booklet for
Hex(5698E3) contains.

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Color

Hex(5698E3)

Conversions

Conversions Part 1

Format	Color
Hex	5698E3
RGB	86, 152, 227
RGB Percent	34%, 60%, 89%
CMY	0.6627, 0.4039, 0.1098
CMYK	0.62, 0.33, 0.00, 0.11
HSL	212°, 72%, 61%
HSV	212°, 62%, 89%
XYZ	28.9311, 29.9810, 76.9351
YIQ	140.8160, -63.4110, 9.3330

Conversions

Conversions Part 2

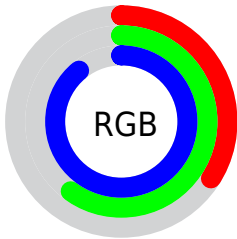
Format	Color
R _{YB}	86, 131, 227
Decimal	5675235
CIE Lab	61.64, 1.69, -44.28
CIE LCh	62, 44.310, 272.192
Yxy	29.9810, 0.2130, 0.2207
Android (android.graphics.Color)	4283865315 (0xFF5698E3)
YUV	140.8160, 42.4887, -48.0736
Hunter-Lab	54.7549, -1.5060, -44.9789

Details

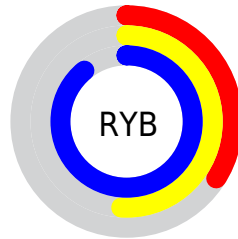
The Hex color **5698E3** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **E3A156**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **93CEFF**, and **0066AB** is the 20% darker color. If you saturate the color by 10%, you get **3F8CE3**, and if you desaturate by 10%, it is **6DA4E3**.

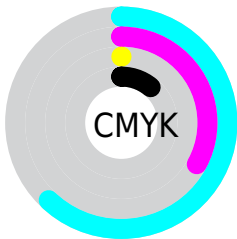
Distribution



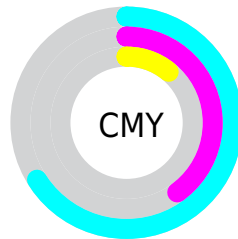
- Red (34%)
- Green (60%)
- Blue (89%)



- Red (34%)
- Yellow (51%)
- Blue (89%)



- Cyan (62%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5698E3 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 5698E3 by changing the saturation by 10% instead.

 5698E3

 5698E3

FFFFFF

 347EC7

 93CEFF

 0066AB

 B0EAFF

 004E90

 CEFFFF

 003876

 ECFFFF

 00235D

 000C45

 00042E

 000118

 000000

■ 5698E3

■ 5698E3

■ 3F8CE3

■ 6DA4E3

■ 2980E3

■ 83B0E3

■ 1274E3

■ 9ABCE3

■ 006AE3

■ B1C8E3

■ C8D4E3

■ DEE0E3

■ F5EDE3

■ FFF9E3

■ FFFF E3

Harmonies

Analogous

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



00A2DA



5698E3



9C89D7

Triad

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



5698E3



DC796D



4EA66F

Complementary

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



5698E3



E3A156

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.



819F50



5698E3



C98650

Square

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



5698E3



DD7494



AA9444



00A997

Rectangle

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



5698E3



BC7FC5



AA9444



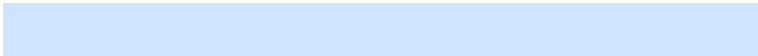
61A463

Sweetspot

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



5698E3



CFE5FF



56E39F



627080



000000



808080

Same Dimension

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



5698E3



4099FF



5856E3



676D73



0054B3



001833

Inverse Universe

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



E35698



FF4099



E1E356



73676D



B30054



330018

Previews

White Background



This preview shows how the Hex color 5698E3 looks on a white background.

Color Contrast Check

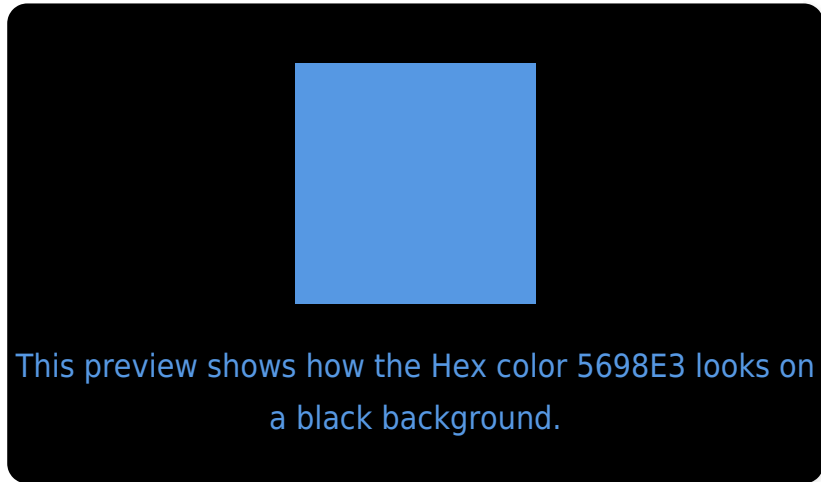
Large Text (above 18pt) WCAG AA ✓ Pass

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

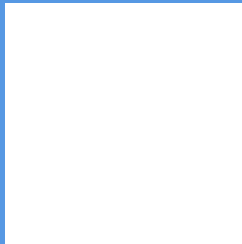
Any Text WCAG AAA ✓ Pass

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

Hex 5698E3 Background



This preview shows how black text looks on a background with the Hex color 5698E3.

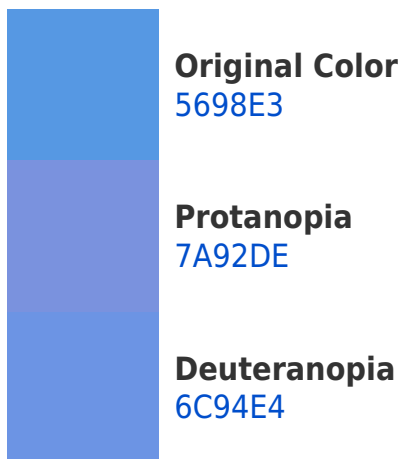


This preview shows how white text looks on a background with the Hex color 5698E3.

Color Blindness Simulation

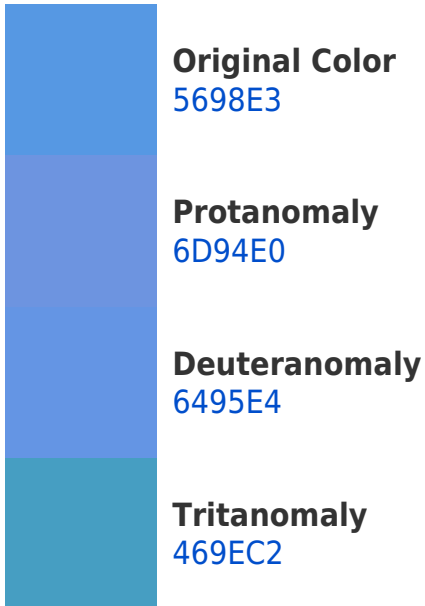
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

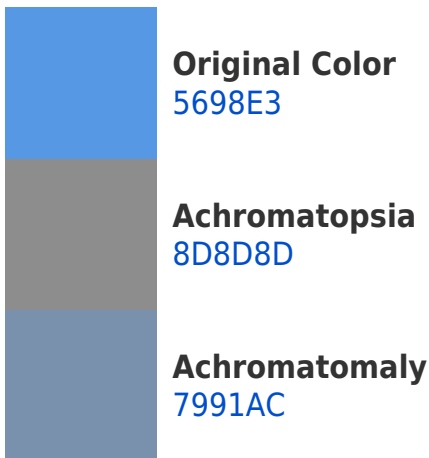




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5698E3 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 #5698E3 looks like.

```
.text, #text, p{  
    color:#5698E3  
}
```

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 #5698E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5698E3
}
```

Border

The CSS property to change the border of an element to Hex 5698E3 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
#5698E3 }
```

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

```
.border{ border-color:#5698E3 }
```

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

Here you see how a box with a 4 pixel #5698E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5698E3; -webkit-box-shadow:4px 4px  
4px 4px #5698E3; box-shadow:4px 4px 4px  
4px #5698E3 }
```

Background

The CSS property to change the background color of an element to Hex 5698E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5698E3 }
```

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

```
.background{ background-color:#5698E3 }
```

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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