

# Converting Colors

Hex(569AE8)

Have a look what the booklet for  
Hex(569AE8) contains.

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# **Color**

**Hex(569AE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	569AE8
RGB	86, 154, 232
RGB Percent	34%, 60%, 91%
CMY	0.6627, 0.3961, 0.0902
CMYK	0.63, 0.34, 0.00, 0.09
HSL	212°, 76%, 62%
HSV	212°, 63%, 91%
XYZ	29.9588, 30.9158, 80.7323
YIQ	142.5600, -65.5660, 9.8420

# Conversions

## Conversions Part 2

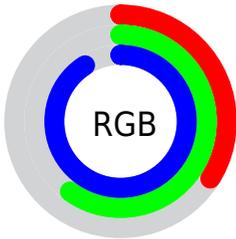
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 132, 232
Decimal	5675752
CIE Lab	62.44, 2.19, -45.78
CIE LCh	62, 45.837, 272.736
Yxy	30.9158, 0.2116, 0.2183
Android (android.graphics.Color)	4283865832 (0xFF569AE8)
YUV	142.5600, 44.0939, -49.6031
Hunter-Lab	55.6020, -1.1262, -47.1657

# Details

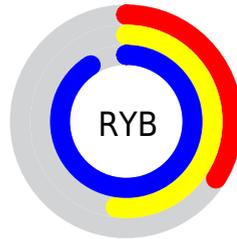
The Hex color **569AE8** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E8A456**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **93D0FF**, and **0067B0** is the 20% darker color. If you saturate the color by 10%, you get **3F8EE8**, and if you desaturate by 10%, it is **6DA6E8**.

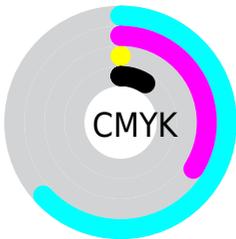
# Distribution



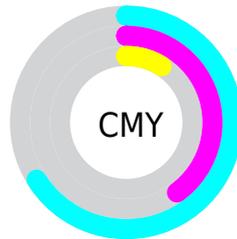
- Red (34%)
- Green (60%)
- Blue (91%)



- Red (34%)
- Yellow (52%)
- Blue (91%)



- Cyan (63%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (40%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 569AE8 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 569AE8 by changing the saturation by 10% instead.

■ 569AE8

■ 569AE8

FFFFFF

■ 3380CC

■ 93D0FF

■ 0067B0

■ B1ECFF

■ 005095

■ CFFFFFF

■ 00397B

■ EDFFFF

■ 002561

■ 000F49

■ 000432

■ 00011C

■ 000000

■ 569AE8

■ 569AE8

■ 3F8EE8

■ 6DA6E8

■ 2881E8

■ 84B3E8

■ 1075E8

■ 9CBFE8

■ 006CE8

■ B3CCE8

■ CAD8E8

■ E1E4E8

■ F8F1E8

■ FFFDE8

■ FFFF E8

# Harmonies

## Analogous

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



00A5DF



569AE8



9F8BDC

# Triad

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



569AE8



E17A6D



4CA970

# Complementary

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



569AE8



E8A456

# 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.



81A150



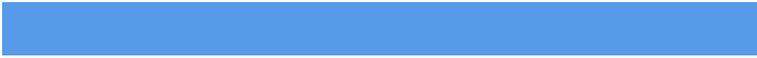
569AE8



CD874F

# Square

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



569AE8



E27595



AC9643



00AC9A

# Rectangle

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



569AE8



C080C9



AC9643



60A764

# Sweetspot

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



569AE8



CFE5FF



56E8A4



627080



000000

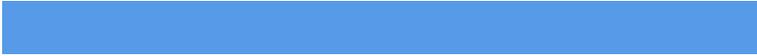


808080



# Same Dimension

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



569AE8



3D97FF



5B56E8



676D73



0053B3



001833



# Inverse Universe

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



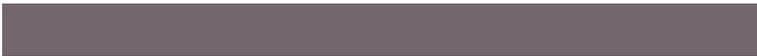
E8569A



FF3D97



E3E856



73676D



B30053



330018



# Previews

## White Background



This preview shows how the Hex color 569AE8 looks on a white background.

## Color Contrast Check

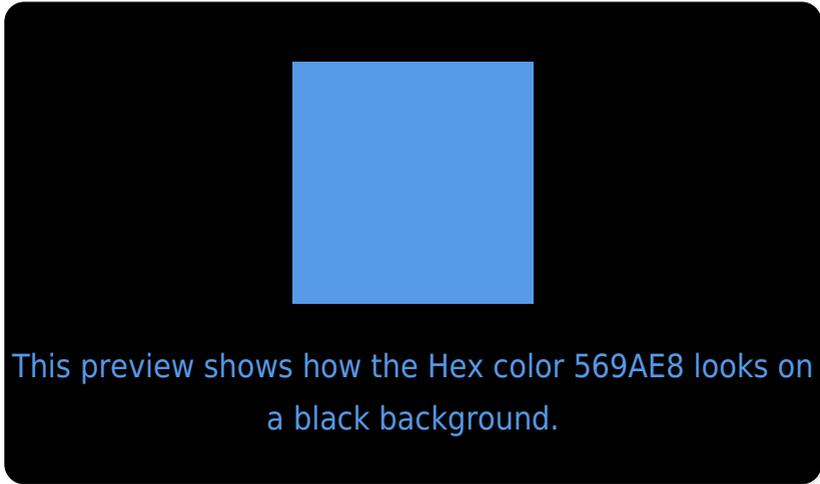
Large Text (above 18pt) WCAG AA × Fail

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

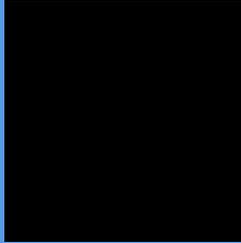
Any Text WCAG AA ✓ Pass

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 569AE8 Background



This preview shows how black text looks on a background with the Hex color 569AE8.



This preview shows how white text looks on a background with the Hex color 569AE8.

# 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](#).

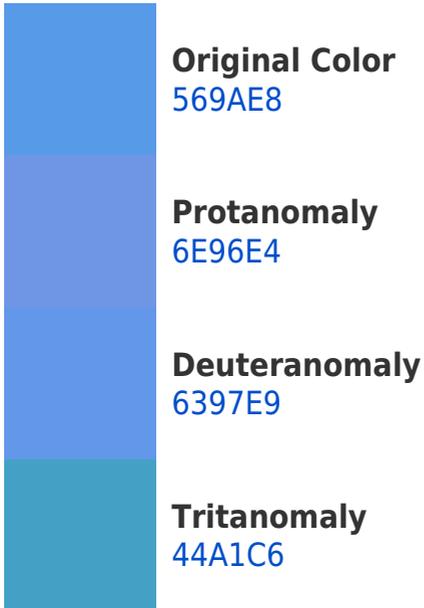
## Dichromacy



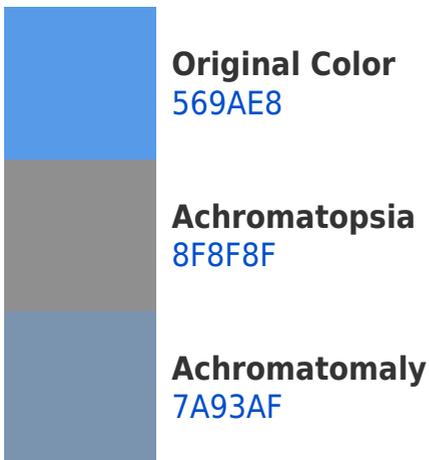


**Tritanopia**  
3AA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 569AE8 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 #569AE8 looks like.

```
.text, #text, p{  
    color:#569AE8  
}
```

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 #569AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #569AE8  
}
```

## Border

The CSS property to change the border of an element to Hex 569AE8 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  
#569AE8 }
```

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

```
.border{ border-color:#569AE8 }
```

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

Here you see how a box with a 4 pixel #569AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #569AE8; -webkit-box-shadow:4px 4px  
4px 4px #569AE8; box-shadow:4px 4px 4px  
4px #569AE8 }
```

# Background

The CSS property to change the background color of an element to Hex 569AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#569AE8 }
```

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

```
.background{ background-color:#569AE8 }
```

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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