

# Converting Colors

Hex(5E8AE4)

Have a look what the booklet for  
Hex(5E8AE4) contains.

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# Color

Hex(5E8AE4)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8AE4
RGB	94, 138, 228
RGB Percent	37%, 54%, 89%
CMY	0.6314, 0.4588, 0.1059
CMYK	0.59, 0.39, 0.00, 0.11
HSL	220°, 71%, 63%
HSV	220°, 59%, 89%
XYZ	27.7082, 26.1581, 76.9874
YIQ	135.1040, -55.1140, 18.6620

# Conversions

## Conversions Part 2

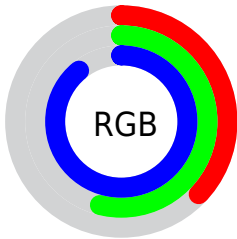
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 127, 228
Decimal	6195940
CIE <sub>Lab</sub>	58.19, 11.76, -50.27
CIE <sub>LCh</sub>	58, 51.626, 283.170
Yxy	26.1581, 0.2117, 0.1999
Android (android.graphics.Color)	4284386020 (0xFF5E8AE4)
YUV	135.1040, 45.7977, -36.0482
Hunter-Lab	51.1450, 7.2000, -53.4465

# Details

The Hex color **5E8AE4** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **E4B85E**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **99BFFF**, and **1159AC** is the 20% darker color. If you saturate the color by 10%, you get **477BE4**, and if you desaturate by 10%, it is **7599E4**.

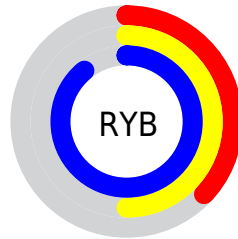
# Distribution



Red (37%)

Green (54%)

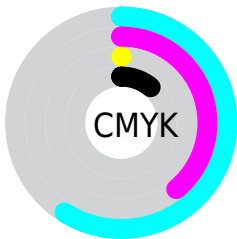
Blue (89%)



Red (37%)

Yellow (50%)

Blue (89%)

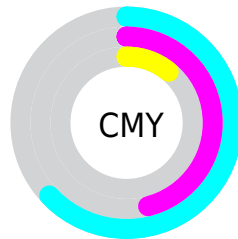


Cyan (59%)

Magenta (39%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (46%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8AE4 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 5E8AE4 by changing the saturation by 10% instead.



■ 5E8AE4

■ 5E8AE4

FFFFFF

■ 3E71C8

■ 99BFFF

■ 1159AC

■ B7DBFF

■ 004291

■ D5F7FF

■ 002C77

■ F3FFFF

■ 00195E

■ 000545

■ 00042E

■ 000118

■ 000000

■ 5E8AE4

■ 5E8AE4

■ 477BE4

■ 7599E4

■ 306BE4

■ 8CA9E4

■ 1A5CE4

■ A2B8E4

■ 034DE4

■ B9C7E4

■ 004BE4

■ D0D7E4

■ E7E6E4

■ FEF5E4

■ FFFFE4

# Harmonies

## Analogous

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



0098E2



5E8AE4



A878CE

# Triad

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



5E8AE4



D66F50



00A070

# Complementary

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



5E8AE4



E4B85E

# 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.



5F9A47



5E8AE4



BA8032

# Square

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



5E8AE4



DF647A



92902D



00A29F

# Rectangle

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



5E8AE4



C76CB5



92902D



2C9F61



# Sweetspot

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



5E8AE4



D1E0FF



5EE4B7



636D80



000000



808080



# Same Dimension

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



5E8AE4



4A85FF



745EE4



676B73



003BB3



001133



# Inverse Universe

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



E45E8A



FF4A85



CEE45E



73676B



B3003B

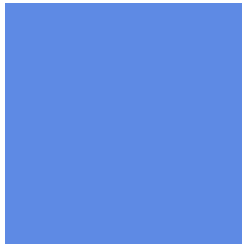


330011



# Previews

## White Background



This preview shows how the Hex color 5E8AE4 looks on a white background.

## Color Contrast Check

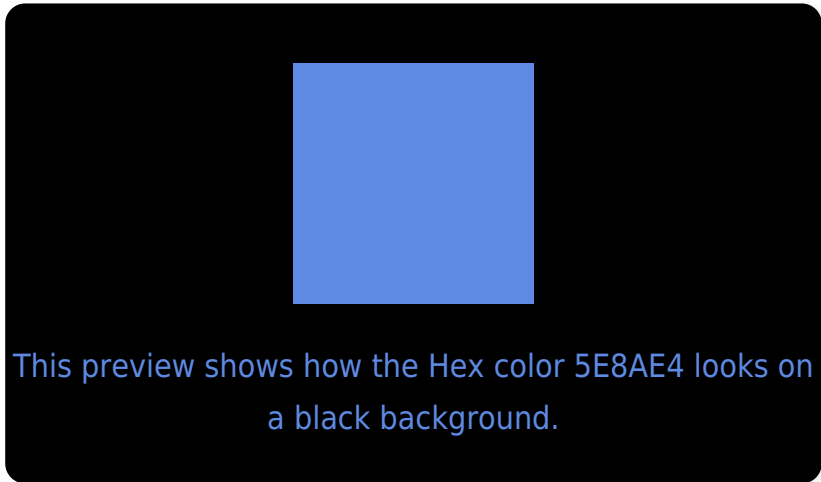
Large Text (above 18pt) WCAG AA ✓ Pass

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

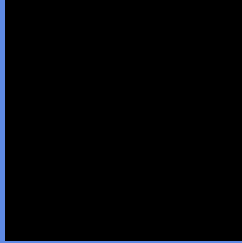
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

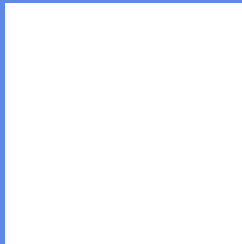
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E8AE4 Background



This preview shows how black text looks on a background with the Hex color 5E8AE4.



This preview shows how white text looks on a background with the Hex color 5E8AE4.

# 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](#).

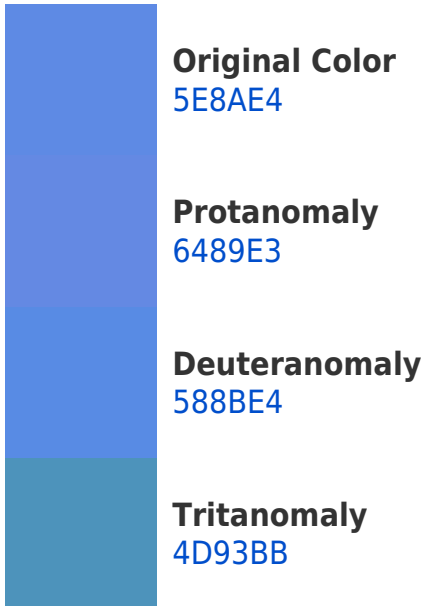
## Dichromacy





**Tritanopia**  
4398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8AE4 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 #5E8AE4 looks like.

```
.text, #text, p{  
    color:#5E8AE4  
}
```

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 #5E8AE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8AE4
}
```

## Border

The CSS property to change the border of an element to Hex 5E8AE4 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
#5E8AE4 }
```

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

```
.border{ border-color:#5E8AE4 }
```

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

Here you see how a box with a 4 pixel #5E8AE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8AE4; -webkit-box-shadow:4px 4px  
4px 4px #5E8AE4; box-shadow:4px 4px 4px  
4px #5E8AE4 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8AE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8AE4 }
```

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

```
.background{ background-color:#5E8AE4 }
```

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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