

# Converting Colors

Hex(5BA0E8)

Have a look what the booklet for  
Hex(5BA0E8) contains.

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# **Color**

**Hex(5BA0E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA0E8
RGB	91, 160, 232
RGB Percent	36%, 63%, 91%
CMY	0.6431, 0.3725, 0.0902
CMYK	0.61, 0.31, 0.00, 0.09
HSL	211°, 75%, 63%
HSV	211°, 61%, 91%
XYZ	31.4507, 33.1920, 81.0930
YIQ	147.5770, -64.2360, 7.7640

# Conversions

## Conversions Part 2

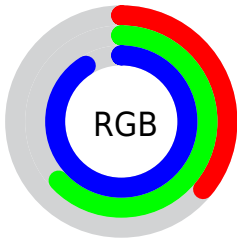
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 137, 232
Decimal	6004968
CIE Lab	64.32, -0.36, -42.81
CIE LCh	64, 42.814, 269.523
Yxy	33.1920, 0.2158, 0.2278
Android (android.graphics.Color)	4284195048 (0xFF5BA0E8)
YUV	147.5770, 41.6205, -49.6180
Hunter-Lab	57.6125, -3.3785, -43.1255

# Details

The Hex color **5BA0E8** 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 **E8A35B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **97D6FF**, and **016DB0** is the 20% darker color. If you saturate the color by 10%, you get **4494E8**, and if you desaturate by 10%, it is **72ACE8**.

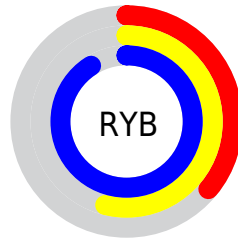
# Distribution



Red (36%)

Green (63%)

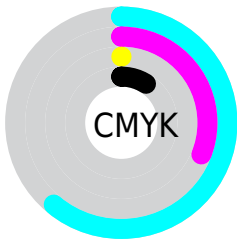
Blue (91%)



Red (36%)

Yellow (54%)

Blue (91%)

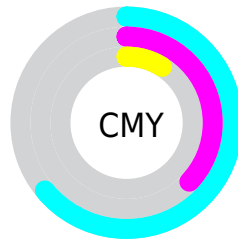


Cyan (61%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (37%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BA0E8 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 5BA0E8 by changing the saturation by 10% instead.




 5BA0E8

 5BA0E8

FFFFFF

 3A86CC

 97D6FF

 016DB0

 B5F3FF

 005595

 D3FFFF

 003E7B

 F1FFFF

 002962

 001549

 000432

 00021C

 000000

■ 5BA0E8

■ 5BA0E8

■ 4494E8

■ 72ACE8

■ 2D88E8

■ 89B8E8

■ 157CE8

■ A1C4E8

■ 0072E8

■ B8CFE8

■ CFDBE8

■ E6E7E8

■ FDF3E8

■ FFFFE8

# Harmonies

## Analogous

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



00AADD



5BA0E8



9E92DE

# Triad

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



5BA0E8



E38078



5EAC74

# Complementary

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



5BA0E8



E8A35B

# 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.



8DA557



5BA0E8



D28C5B

# Square

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



5BA0E8



E27D9E



B49A4E



00B09A

# Rectangle

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



5BA0E8



BE89CE



B49A4E



6FAA69

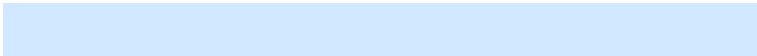


# Sweetspot

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



5BA0E8



D1E8FF



5BE8A2



637180



000000



808080



# Same Dimension

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



5BA0E8



45A0FF



5B5BE8



676D73



0057B3



001933



# Inverse Universe

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



E85BA0



FF45A0



E8E85B



73676D



B30057

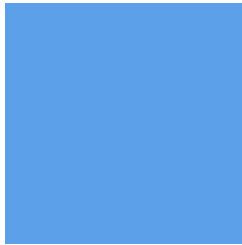


330019



# Previews

## White Background



This preview shows how the Hex color 5BA0E8 looks on a white background.

## Color Contrast Check

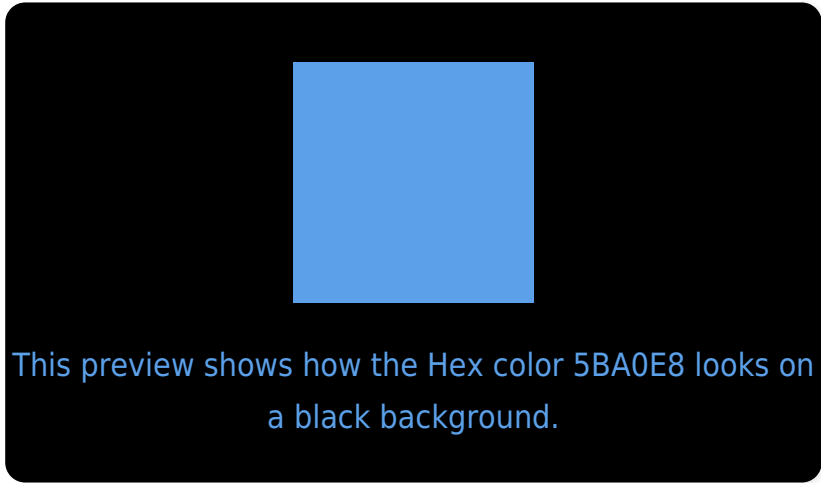
Large Text (above 18pt) WCAG AA × Fail

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

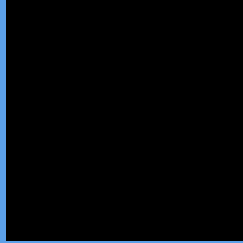
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

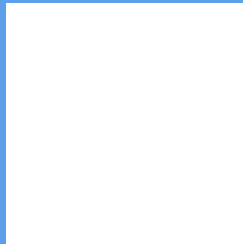
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5BA0E8 Background



This preview shows how black text looks on a background with the Hex color 5BA0E8.

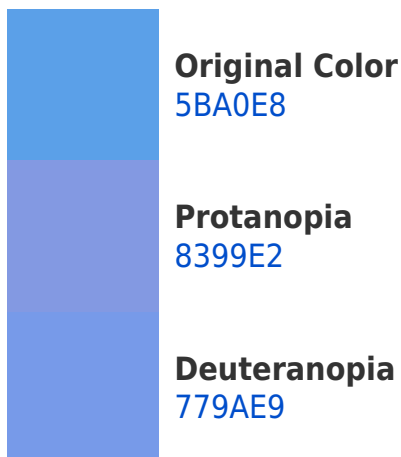


This preview shows how white text looks on a background with the Hex color 5BA0E8.

# 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](#).

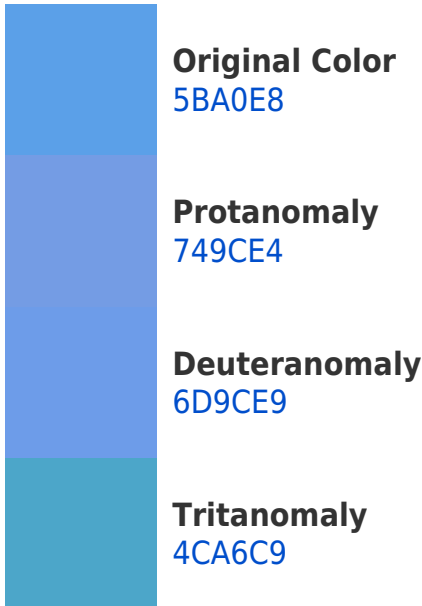
## Dichromacy





**Tritanopia**  
44A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BA0E8 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 #5BA0E8 looks like.

```
.text, #text, p{  
    color:#5BA0E8  
}
```

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 #5BA0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA0E8  
}
```

## Border

The CSS property to change the border of an element to Hex 5BA0E8 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  
#5BA0E8 }
```

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

```
.border{ border-color:#5BA0E8 }
```

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

Here you see how a box with a 4 pixel #5BA0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA0E8; -webkit-box-shadow:4px 4px  
4px 4px #5BA0E8; box-shadow:4px 4px 4px  
4px #5BA0E8 }
```

# Background

The CSS property to change the background color of an element to Hex 5BA0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA0E8 }
```

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

```
.background{ background-color:#5BA0E8 }
```

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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