

# Converting Colors

Hex(58A1EA)

Have a look what the booklet for  
Hex(58A1EA) contains.

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# **Color**

**Hex(58A1EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58A1EA
RGB	88, 161, 234
RGB Percent	35%, 63%, 92%
CMY	0.6549, 0.3686, 0.0824
CMYK	0.62, 0.31, 0.00, 0.08
HSL	210°, 78%, 63%
HSV	210°, 62%, 92%
XYZ	31.6207, 33.5050, 82.6424
YIQ	147.4950, -66.9410, 7.2270

# Conversions

## Conversions Part 2

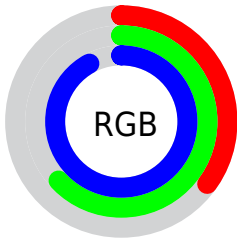
Format	Color
R <sub>Y</sub> B	88, 137, 234
Decimal	5808618
CIE Lab	64.57, -0.82, -43.53
CIE LCh	65, 43.534, 268.922
Yxy	33.5050, 0.2140, 0.2267
Android (android.graphics.Color)	4283998698 (0xFF58A1EA)
YUV	147.4950, 42.6470, -52.1771
Hunter-Lab	57.8835, -3.7849, -44.1322

# Details

The Hex color **58A1EA** 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 **EAA158**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **95D8FF**, and **006EB2** is the 20% darker color. If you saturate the color by 10%, you get **4195EA**, and if you desaturate by 10%, it is **6FADEA**.

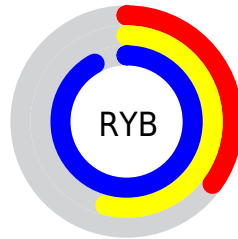
# Distribution



Red (35%)

Green (63%)

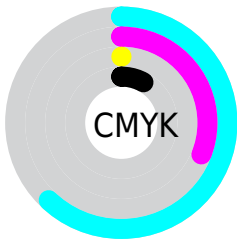
Blue (92%)



Red (35%)

Yellow (54%)

Blue (92%)

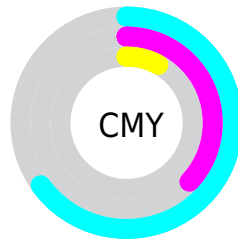


Cyan (62%)

Magenta (31%)

Yellow (0%)

Black (8%)



Cyan (65%)

Magenta (37%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58A1EA 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 58A1EA by changing the saturation by 10% instead.



■ 58A1EA

■ 58A1EA

FFFFFF

■ 3587CE

■ 95D8FF

■ 006EB2

■ B3F4FF

■ 005697

■ D1FFFF

■ 003F7D

■ EFFFFFF

■ 002A63

■ 00164B

■ 000434

■ 00021E

■ 000000

■ 58A1EA

■ 58A1EA

■ 4195EA

■ 6FADEA

■ 298AEA

■ 87B8EA

■ 127EEA

■ 9EC4EA

■ 0075EA

■ B6D0EA

■ CDDBEA

■ E4E7EA

■ FCF3EA

■ FFFFEA

# Harmonies

## Analogous

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



00ABDE



58A1EA



9E93E1

# Triad

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



58A1EA



E58079



5EAD73

# Complementary

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



58A1EA



EAA158

# 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.



8EA556



58A1EA



D48C5B

# Square

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



58A1EA



E37DA0



B69A4D



00B09A

# Rectangle

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



58A1EA



BF89D0



B69A4D



6FAB68

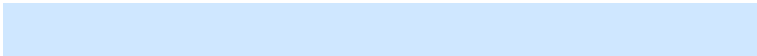


# Sweetspot

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



58A1EA



CFE7FF



58EAA1



627180



000000



808080



# Same Dimension

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



58A1EA



409FFF



5858EA



6A6F75



005BB5



001B36



# Inverse Universe

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



EA58A1



FF409F



EAEA58



756A6F



B5005B



36001B



# Previews

## White Background



This preview shows how the Hex color 58A1EA looks on a white background.

## Color Contrast Check

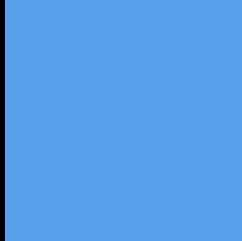
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 58A1EA looks on a 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

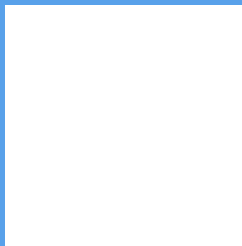
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58A1EA Background



This preview shows how black text looks on a background with the Hex color 58A1EA.



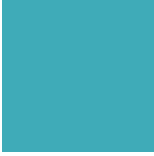
This preview shows how white text looks on a background with the Hex color 58A1EA.

# 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](#).

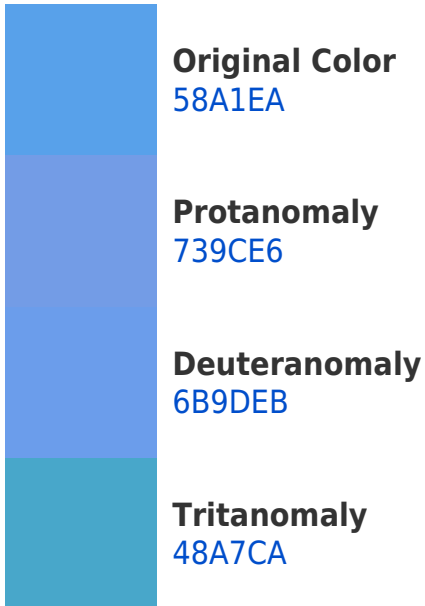
## Dichromacy



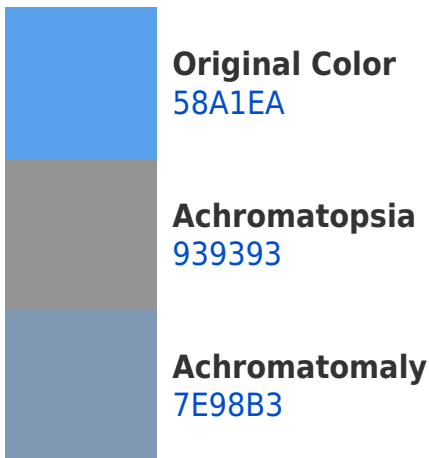


**Tritanopia**  
3FABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58A1EA 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 #58A1EA looks like.

```
.text, #text, p{  
    color:#58A1EA  
}
```

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 #58A1EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58A1EA
}
```

## Border

The CSS property to change the border of an element to Hex 58A1EA 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
#58A1EA }
```

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

```
.border{ border-color:#58A1EA }
```

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

Here you see how a box with a 4 pixel #58A1EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58A1EA; -webkit-box-shadow:4px 4px  
4px 4px #58A1EA; box-shadow:4px 4px 4px  
4px #58A1EA }
```

# Background

The CSS property to change the background color of an element to Hex 58A1EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58A1EA }
```

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

```
.background{ background-color:#58A1EA }
```

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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