

# Converting Colors

Hex(59AAED)

Have a look what the booklet for  
Hex(59AAED) contains.

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# **Color**

**Hex(59AAED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59AAED
RGB	89, 170, 237
RGB Percent	35%, 67%, 93%
CMY	0.6510, 0.3333, 0.0706
CMYK	0.62, 0.28, 0.00, 0.07
HSL	207°, 80%, 64%
HSV	207°, 62%, 93%
XYZ	33.7806, 36.9877, 85.4797
YIQ	153.4190, -69.7830, 3.6650

# Conversions

## Conversions Part 2

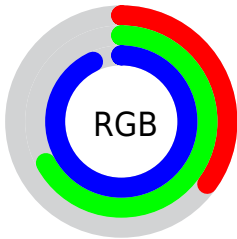
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 141, 237
Decimal	5876461
CIE Lab	67.27, -4.74, -40.94
CIE LCh	67, 41.209, 263.392
Yxy	36.9877, 0.2162, 0.2367
Android (android.graphics.Color)	4284066541 (0xFF59AAED)
YUV	153.4190, 41.2054, -56.4955
Hunter-Lab	60.8175, -7.2843, -40.7604

# Details

The Hex color **59AAED** 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 **ED9C59**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **97E1FF**, and **0076B5** is the 20% darker color. If you saturate the color by 10%, you get **419FED**, and if you desaturate by 10%, it is **71B5ED**.

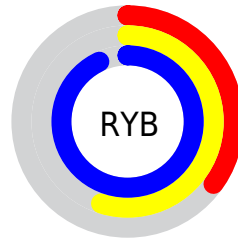
# Distribution



Red (35%)

Green (67%)

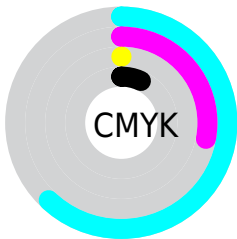
Blue (93%)



Red (35%)

Yellow (55%)

Blue (93%)

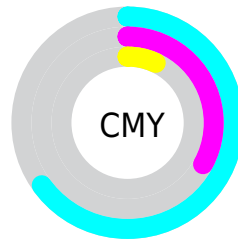


Cyan (62%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (33%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59AAED 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 59AAED by changing the saturation by 10% instead.



■ 59AAED

■ 59AAED

FFFFFF

■ 3690D1

■ 97E1FF

■ 0076B5

■ B4FEFF

■ 005E9A

■ D3FFFF

■ 00467F

■ F1FFFF

■ 003066

■ 001C4E

■ 000536

■ 000220

■ 000004

■ 59AAED

■ 59AAED

■ 419FED

■ 71B5ED

■ 2A95ED

■ 88BFED

■ 128AED

■ A0CAED

■ 0082ED

■ B8D5ED

■ CFE0ED

■ E7EAED

■ FFF5ED

■ FFFFED

# Harmonies

## Analogous

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



00B3DE



59AAED



9B9DE8

# Triad

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



59AAED



EB8888



72B376

# Complementary

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



59AAED



ED9C59

# 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.



9EAA5E



59AAED



DE9269

# Square

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



59AAED



E587AE



C39F59



3AB79A

# Rectangle

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



59AAED



BD94DA



C39F59



82B06C

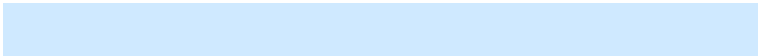


# Sweetspot

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



59AAED



CFE9FF



59ED9C



627280



000000



808080



# Same Dimension

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



59AAED



40A8FF



5960ED



6A7075



0063B5



001D36



# Inverse Universe

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



ED59AA



FF40A8



EDE659



756A70



B50063

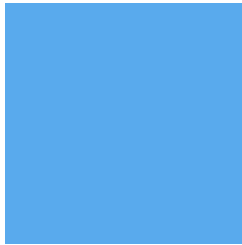


36001D



# Previews

## White Background



This preview shows how the Hex color 59AAED looks on a white background.

## Color Contrast Check

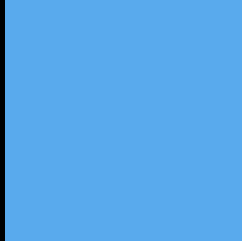
Large Text (above 18pt) WCAG AA × Fail

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 59AAED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

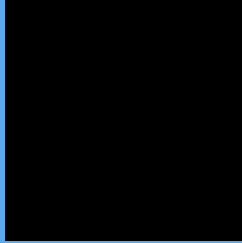
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

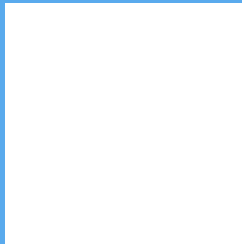
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59AAED Background



This preview shows how black text looks on a background with the Hex color 59AAED.

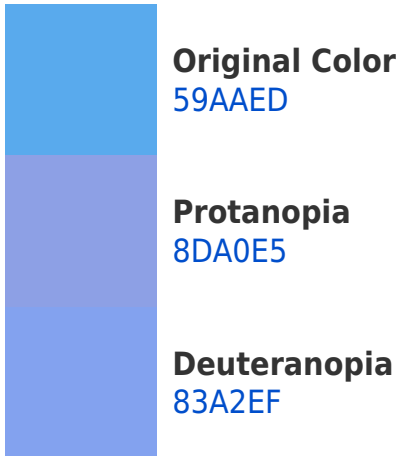


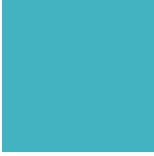
This preview shows how white text looks on a background with the Hex color 59AAED.

# 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](#).

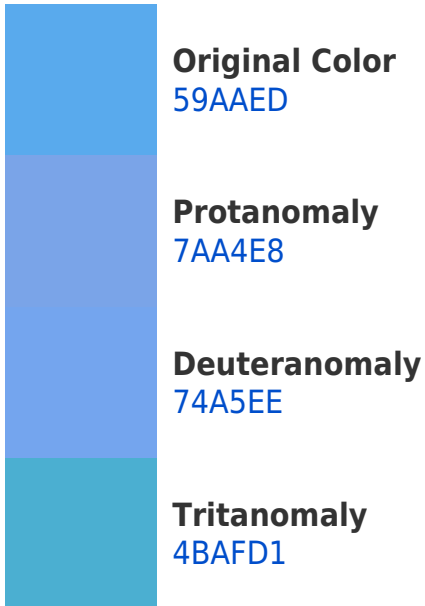
## Dichromacy



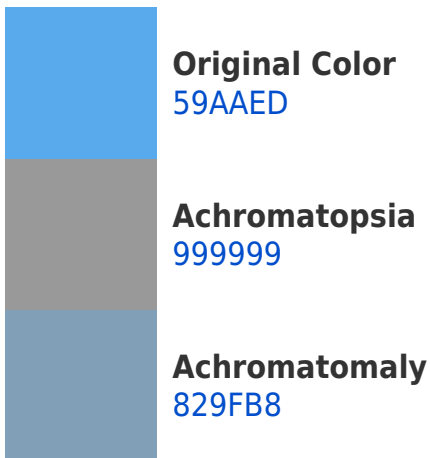


**Tritanopia**  
43B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59AAED 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 #59AAED looks like.

```
.text, #text, p{  
    color:#59AAED  
}
```

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 #59AAED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59AAED
}
```

## Border

The CSS property to change the border of an element to Hex 59AAED 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
#59AAED }
```

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

```
.border{ border-color:#59AAED }
```

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

Here you see how a box with a 4 pixel #59AAED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59AAED; -webkit-box-shadow:4px 4px  
4px 4px #59AAED; box-shadow:4px 4px 4px  
4px #59AAED }
```

# Background

The CSS property to change the background color of an element to Hex 59AAED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59AAED }
```

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

```
.background{ background-color:#59AAED }
```

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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