

# Converting Colors

Hex(A59EE9)

Have a look what the booklet for  
Hex(A59EE9) contains.

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# **Color**

**Hex(A59EE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A59EE9
RGB	165, 158, 233
RGB Percent	65%, 62%, 91%
CMY	0.3529, 0.3804, 0.0863
CMYK	0.29, 0.32, 0.00, 0.09
HSL	246°, 63%, 77%
HSV	246°, 32%, 91%
XYZ	42.4519, 38.3362, 82.2530
YIQ	168.6430, -19.9030, 24.8090

# Conversions

## Conversions Part 2

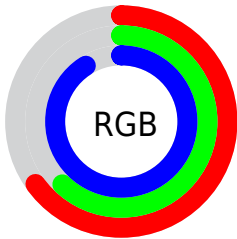
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 158, 233</a>
Decimal	<a href="#">10854121</a>
CIELab	<a href="#">68.27, 18.98, -36.86</a>
CIELCh	<a href="#">68, 41.458, 297.240</a>
Yxy	<a href="#">38.3362, 0.2604, 0.2351</a>
Android (android.graphics.Color)	<a href="#">4289044201 (0xFFA59EE9)</a>
YUV	<a href="#">168.6430, 31.7280, -3.1949</a>
Hunter-Lab	<a href="#">61.9163, 14.0322, -35.4227</a>

# Details

The Hex color **A59EE9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2E99E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **DDD5FF**, and **6F6BB1** is the 20% darker color. If you saturate the color by 10%, you get **9087E9**, and if you desaturate by 10%, it is **BAB5E9**.

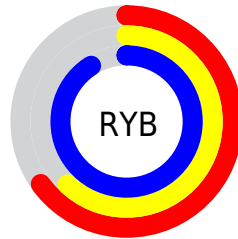
# Distribution



Red (65%)

Green (62%)

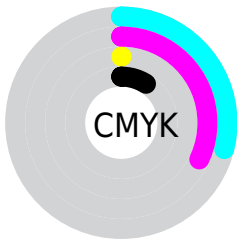
Blue (91%)



Red (65%)

Yellow (62%)

Blue (91%)

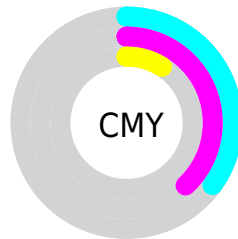


Cyan (29%)

Magenta (32%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (38%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A59EE9 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 A59EE9 by changing the saturation by 10% instead.



 A59EE9

 A59EE9

FFFFFF

 8A84CD

 DDD5FF

 6F6BB1

 FAF1FF

 555396

 3B3B7C

 202663

 00124A

 000033

 00021D

 000000

 A59EE9

 A59EE9

 9087E9

 BAB5E9

 7B6FE9

 CFCDE9

 6658E9

 E4E4E9

 5041E9

 FAFBE9

 3B29E9

 FFFFE9

 2612E9

 1600E9

# Harmonies

## Analogous

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



65ABF1



A59EE9



D290CF

# Triad

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



A59EE9



DE9668



32BAA2

# Complementary

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



A59EE9



E2E99E

# 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.



6EB67D



A59EE9



C1A35B

# Square

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



A59EE9



EE8B86



9BAE62



00B9C7

# Rectangle

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



A59EE9



E58AB8



9BAE62



4AB995



# Sweetspot

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



A59EE9



E8E6FF



9EE3E9



727080



000000



808080



# Same Dimension

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



A59EE9



A59CFF



CA9EE9



6B6A75



1100B5



050036



# Inverse Universe

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



E99EE2



FF9CF6



BDE99E



756A74



B500A4

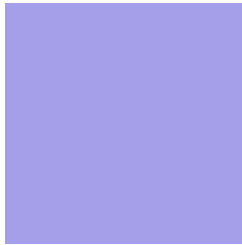


360031



# Previews

## White Background



This preview shows how the Hex color A59EE9 looks on a white background.

## Color Contrast Check

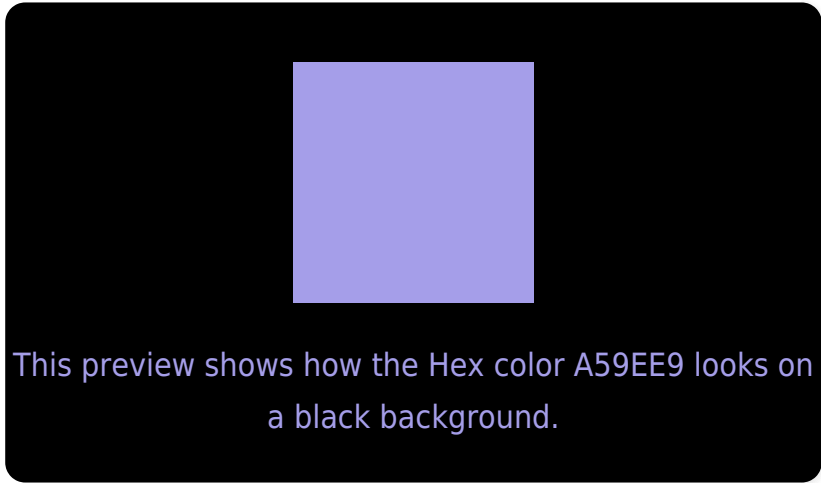
Large Text (above 18pt) WCAG AA × Fail

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

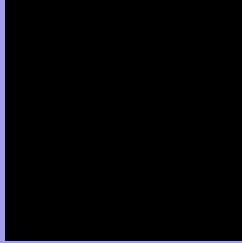
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A59EE9 Background



This preview shows how black text looks on a background with the Hex color A59EE9.

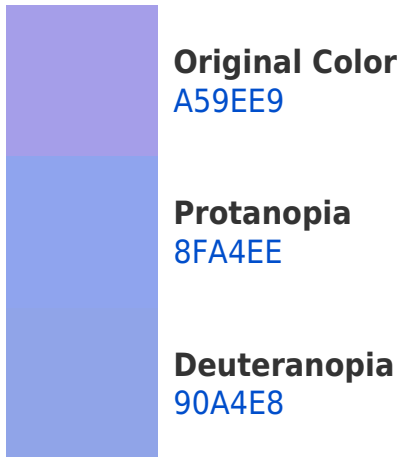


This preview shows how white text looks on a background with the Hex color A59EE9.

# 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](#).

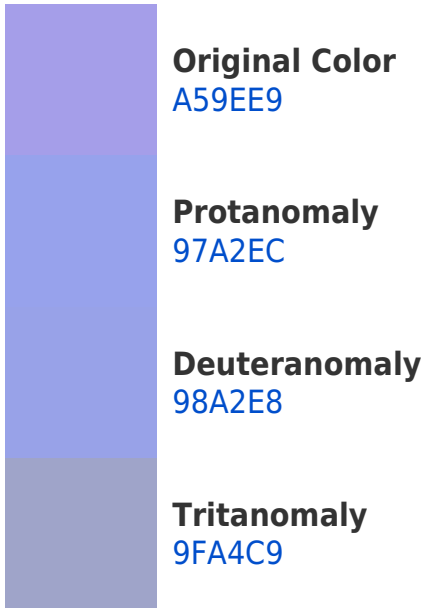
## Dichromacy



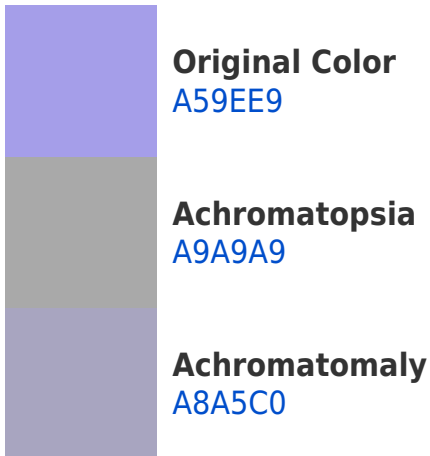


**Tritanopia**  
9BA8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A59EE9 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 #A59EE9 looks like.

```
.text, #text, p{  
    color:#A59EE9  
}
```

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 #A59EE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A59EE9
}
```

## Border

The CSS property to change the border of an element to Hex A59EE9 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
#A59EE9 }
```

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

```
.border{ border-color:#A59EE9 }
```

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

Here you see how a box with a 4 pixel #A59EE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A59EE9; -webkit-box-shadow:4px 4px  
4px 4px #A59EE9; box-shadow:4px 4px 4px  
4px #A59EE9 }
```

# Background

The CSS property to change the background color of an element to Hex A59EE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A59EE9 }
```

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

```
.background{ background-color:#A59EE9 }
```

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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