

Converting Colors

Hex(109AED)

Have a look what the booklet for
Hex(109AED) contains.

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Color

Hex(109AED)

Conversions

Conversions Part 1

Format	Color
Hex	109AED
RGB	16, 154, 237
RGB Percent	6%, 60%, 93%
CMY	0.9373, 0.3961, 0.0706
CMYK	0.93, 0.35, 0.00, 0.07
HSL	203°, 87%, 50%
HSV	203°, 93%, 93%
XYZ	27.0553, 29.3358, 84.3572
YIQ	122.2000, -108.8910, -3.4430

Conversions

Conversions Part 2

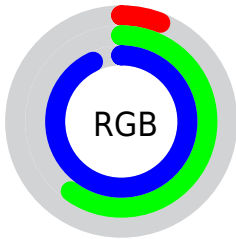
Format	Color
RYB	16, 101, 237
Decimal	1088237
CIELab	61.08, -3.32, -50.80
CIELCh	61, 50.907, 266.261
Yxy	29.3358, 0.1922, 0.2084
Android (android.graphics.Color)	4279278317 (0xFF109AED)
YUV	122.2000, 56.5964, -93.1374
Hunter-Lab	54.1625, -5.6198, -54.4294

Details

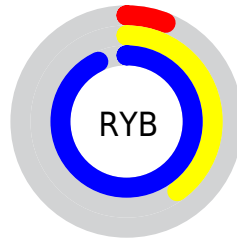
The Hex color **109AED** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **ED6310**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6ED0FF**, and **0067B5** is the 20% darker color. If you saturate the color by 10%, you get **0094ED**, and if you desaturate by 10%, it is **28A3ED**.

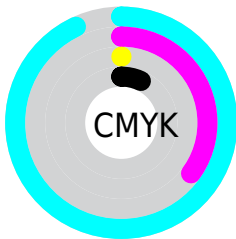
Distribution



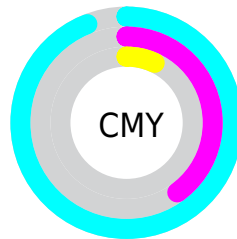
- Red (6%)
- Green (60%)
- Blue (93%)



- Red (6%)
- Yellow (40%)
- Blue (93%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (7%)



- Cyan (94%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 109AED 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 109AED by changing the saturation by 10% instead.

 109AED

 109AED

FFFFFF

 0080D0


 6ED0FF

 0067B5

 8FECFF

 005099

 AFFFFFF

 00397F


 CFFFFFF

 002565

 EFFFFFF

 000F4D

 000535

 00021F

 000002

■ 109AED

■ 109AED

■ 0094ED

■ 28A3ED

■ 3FACED

■ 57B5ED

■ 6FBEED

■ 86C7ED

■ 9ECFED

■ B6D8ED

■ CEE1ED

■ E5EAED

Harmonies

Analogous

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



00A5DD



109AED



8C8AE4

Triad

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



109AED



E56F6E



4CA55F

Complementary

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



109AED



ED6310

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.



859D3E



109AED



D37E49

Square

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



109AED



E26C9B



B28F35



00A98C

Rectangle

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



109AED



B57ED2



B28F35



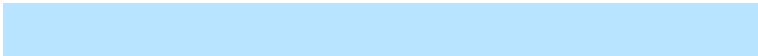
62A352

Sweetspot

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



109AED



B8E4FF



10ED61



546F80



000000



808080

Same Dimension

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



109AED



009FFF



102DED



6A7175



0071B5



002136

Inverse Universe

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



ED109A



FF009F



EDD010



756A71



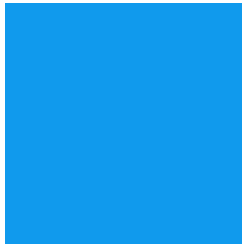
B50071



360021

Previews

White Background



This preview shows how the Hex color 109AED 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



This preview shows how the Hex color 109AED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

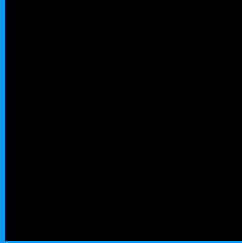
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

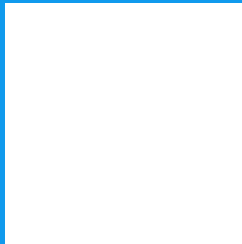
Any Text WCAG AAA × Fail

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

Hex 109AED Background



This preview shows how black text looks on a background with the Hex color 109AED.

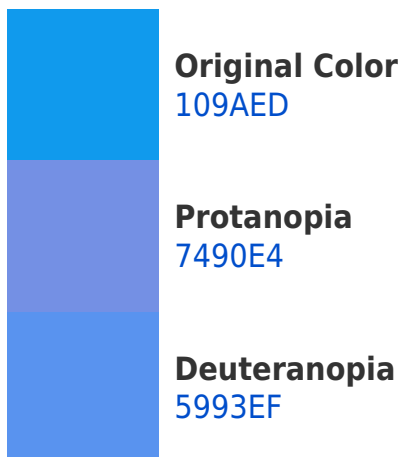


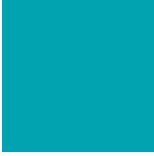
This preview shows how white text looks on a background with the Hex color 109AED.

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](#).

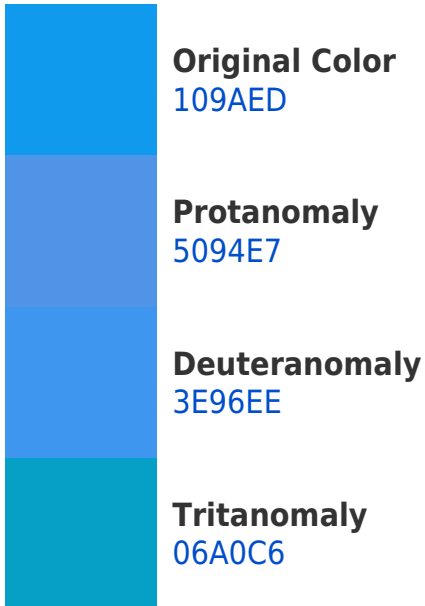
Dichromacy



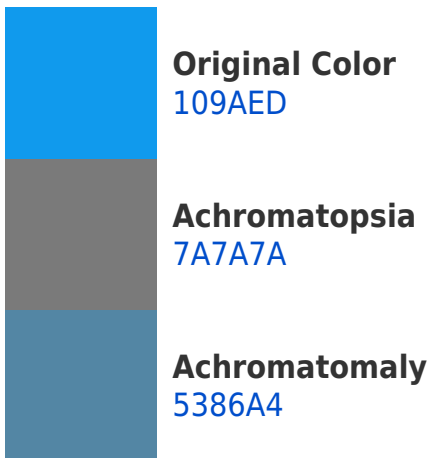


Tritanopia
00A3AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 109AED 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 #109AED looks like.

```
.text, #text, p{  
    color:#109AED  
}
```

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 #109AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #109AED
}
```

Border

The CSS property to change the border of an element to Hex 109AED 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
#109AED }
```

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

```
.border{ border-color:#109AED }
```

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

Here you see how a box with a 4 pixel #109AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #109AED; -webkit-box-shadow:4px 4px  
4px 4px #109AED; box-shadow:4px 4px 4px  
4px #109AED }
```

Background

The CSS property to change the background color of an element to Hex 109AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#109AED }
```

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

```
.background{ background-color:#109AED }
```

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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