

# Converting Colors

Hex(619ACA)

Have a look what the booklet for  
Hex(619ACA) contains.

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# **Color**

**Hex(619ACA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	619ACA
RGB	97, 154, 202
RGB Percent	38%, 60%, 79%
CMY	0.6196, 0.3961, 0.2078
CMYK	0.52, 0.24, 0.00, 0.21
HSL	207°, 50%, 59%
HSV	207°, 52%, 79%
XYZ	27.1460, 29.9169, 60.2209
YIQ	142.4290, -49.3800, 2.8440

# Conversions

## Conversions Part 2

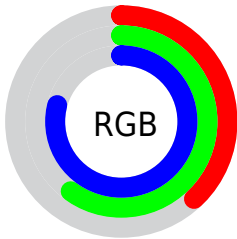
Format	Color
R <sub>Y</sub> B	97, 134, 202
Decimal	6396618
CIE Lab	61.58, -5.13, -30.41
CIE LCh	62, 30.837, 260.421
Yxy	29.9169, 0.2315, 0.2551
Android (android.graphics.Color)	4284586698 (0xFF619ACA)
YUV	142.4290, 29.3685, -39.8412
Hunter-Lab	54.6963, -7.1281, -26.9912

# Details

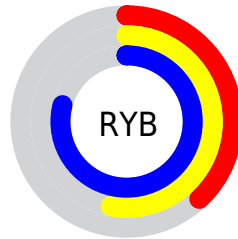
The Hex color **619ACA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CA9161**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **99D0FF**, and **246794** is the 20% darker color. If you saturate the color by 10%, you get **4D91CA**, and if you desaturate by 10%, it is **75A3CA**.

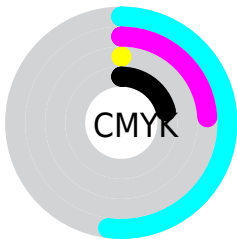
# Distribution



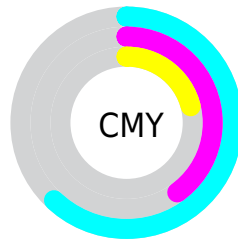
- Red (38%)
- Green (60%)
- Blue (79%)



- Red (38%)
- Yellow (53%)
- Blue (79%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (40%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 619ACA 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 619ACA by changing the saturation by 10% instead.



■ 619ACA

■ 619ACA

FFFFFF

■ 4480AE

■ 99D0FF

■ 246794

■ B6ECFF

■ 004F7A

■ D3FFFF

■ 003961

■ F0FFFF

■ 002349

■ 000D32

■ 00021C

■ 000000

■ 619ACA

■ 619ACA

■ 4D91CA

■ 75A3CA

■ 3988CA

■ 89ACCA

■ 247ECA

■ 9EB6CA

■ 1075CA

■ B2BFCA

■ 006ECA

■ C6C8CA

■ DAD1CA

■ EEDBCA

■ FFE4CA

■ FFEDCA

# Harmonies

## Analogous

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



3BA0BE



619ACA



8C91C8

# Triad

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



619ACA



CB8183



759F71

# Complementary

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



619ACA



CA9161

# 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.



949961



619ACA



C3876C

# Square

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



619ACA



C4819F



AF905F



54A38B

# Rectangle

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



619ACA



A48ABE



AF905F



809E6A

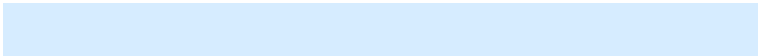


# Sweetspot

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



619ACA



D6ECFF



61CA90



677480



000000



808080



# Same Dimension

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



619ACA



61B7FF



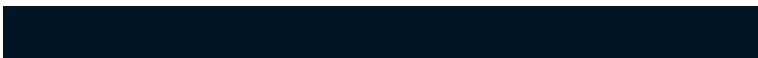
6166CA



5C6166



005AA6



001526



# Inverse Universe

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



CA619A



FF61B7



CAC561



665C61



A6005A



260015



# Previews

## White Background



This preview shows how the Hex color 619ACA looks on a white background.

## Color Contrast Check

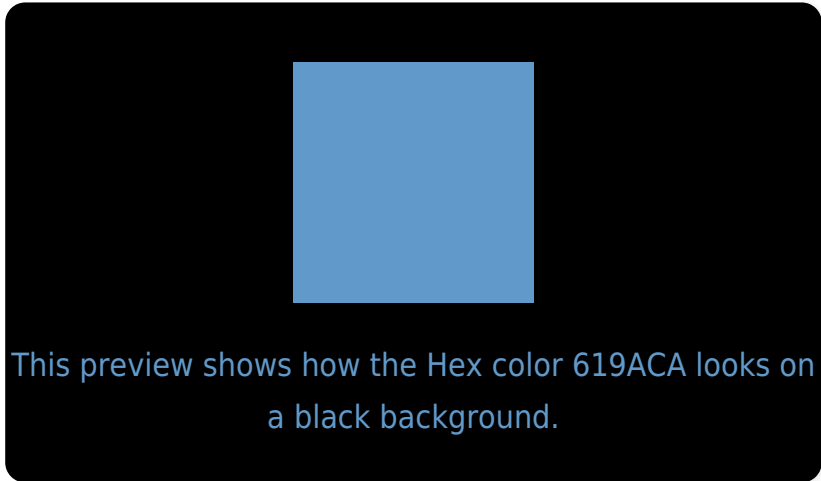
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

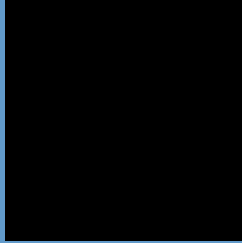
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 619ACA Background



This preview shows how black text looks on a background with the Hex color 619ACA.

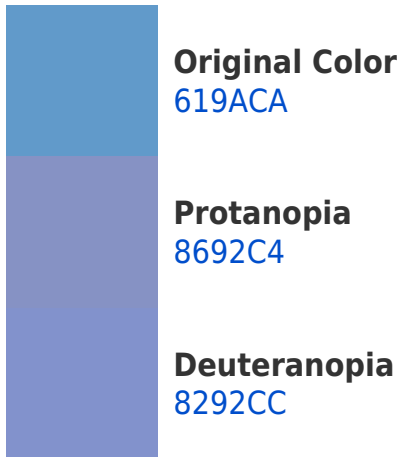


This preview shows how white text looks on a background with the Hex color 619ACA.

# Color Blindness Simulation

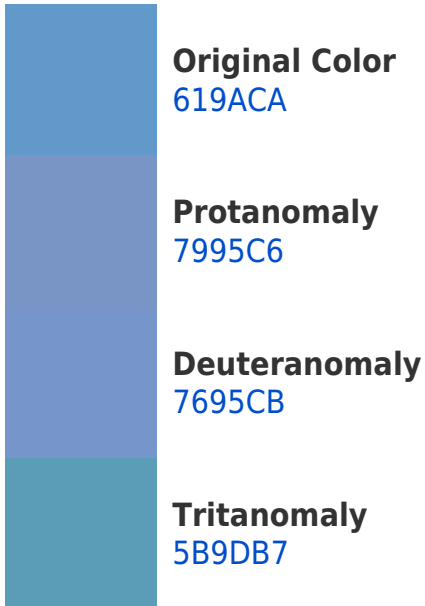
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

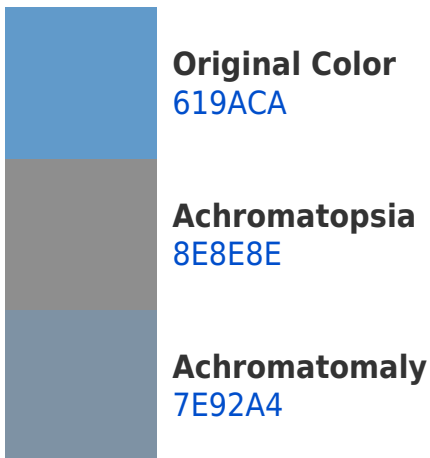




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 619ACA 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 #619ACA looks like.

```
.text, #text, p{  
    color:#619ACA  
}
```

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 #619ACA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #619ACA
}
```

## Border

The CSS property to change the border of an element to Hex 619ACA 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
#619ACA }
```

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

```
.border{ border-color:#619ACA }
```

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

Here you see how a box with a 4 pixel #619ACA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #619ACA; -webkit-box-shadow:4px 4px  
4px 4px #619ACA; box-shadow:4px 4px 4px  
4px #619ACA }
```

# Background

The CSS property to change the background color of an element to Hex 619ACA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#619ACA }
```

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

```
.background{ background-color:#619ACA }
```

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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