

# Converting Colors

Hex(489EEA)

Have a look what the booklet for  
Hex(489EEA) contains.

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# **Color**

**Hex(489EEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	489EEA
RGB	72, 158, 234
RGB Percent	28%, 62%, 92%
CMY	0.7176, 0.3804, 0.0824
CMYK	0.69, 0.32, 0.00, 0.08
HSL	208°, 79%, 60%
HSV	208°, 69%, 92%
XYZ	29.7506, 31.7720, 82.4065
YIQ	140.9500, -75.6520, 5.4040

# Conversions

## Conversions Part 2

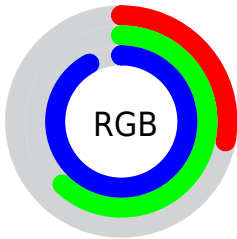
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	72, 128, 234
Decimal	4759274
CIE Lab	63.15, -1.69, -45.79
CIE LCh	63, 45.821, 267.881
Yxy	31.7720, 0.2067, 0.2207
Android (android.graphics.Color)	4282949354 (0xFF489EEA)
YUV	140.9500, 45.8737, -60.4691
Hunter-Lab	56.3666, -4.4282, -47.2238

# Details

The Hex color **489EEA** 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 **EA9448**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89D4FF**, and **006BB2** is the 20% darker color. If you saturate the color by 10%, you get **3193EA**, and if you desaturate by 10%, it is **5FA9EA**.

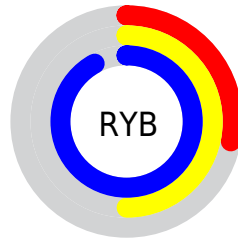
# Distribution



Red (28%)

Green (62%)

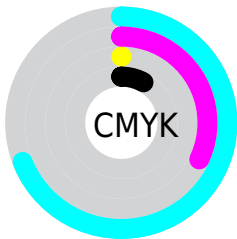
Blue (92%)



Red (28%)

Yellow (50%)

Blue (92%)

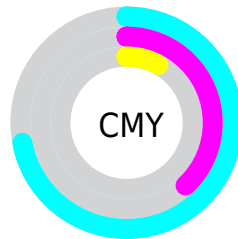


Cyan (69%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (38%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 489EEA 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 489EEA by changing the saturation by 10% instead.



 489EEA

 489EEA

FFFFFF

 1B84CE

 89D4FF

 006BB2

 A7F1FF

 005397

 C6FFFF

 003D7D

 E4FFFF

 002763

 00134B

 000433

 00021D

 000000

■ 489EEA

■ 489EEA

■ 3193EA

■ 5FA9EA

■ 1988EA

■ 77B4EA

■ 027DEA

■ 8EBFEA

■ 007CEA

■ A6CAEA

■ BDD5EA

■ D4E0EA

■ ECEBEA

■ FFF6EA

■ FFFFEA

# Harmonies

## Analogous

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



00A8DD



489EEA



978FE1

# Triad

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



489EEA



E47A75



58AA6C

# Complementary

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



489EEA



EA9448

# 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.



8BA24E



489EEA



D38755

# Square

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



489EEA



E2779D



B49645



00AD94

# Rectangle

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



489EEA



BB85D0



B49645



6BA860

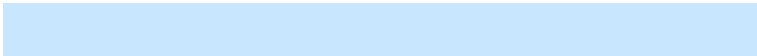


# Sweetspot

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



489EEA



C9E6FF



48EA94



607180



000000



808080



# Same Dimension

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



489EEA



2B9CFF



484DEA



6A7075



0060B5



001C36



# Inverse Universe

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



EA489E



FF2B9C



EAE548



756A70



B50060



36001C



# Previews

## White Background



This preview shows how the Hex color 489EEA looks on a white background.

## Color Contrast Check

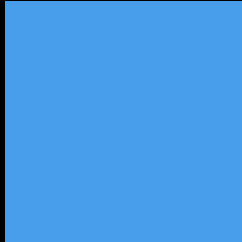
Large Text (above 18pt) WCAG AA × Fail

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 489EEA 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

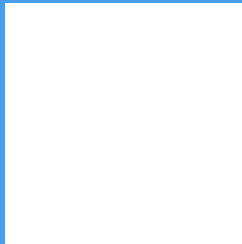
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 489EEA Background



This preview shows how black text looks on a background with the Hex color 489EEA.

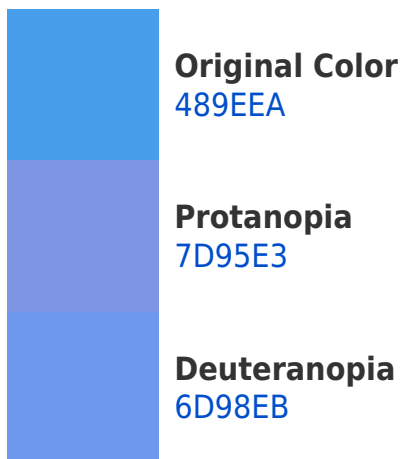


This preview shows how white text looks on a background with the Hex color 489EEA.

# 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](#).

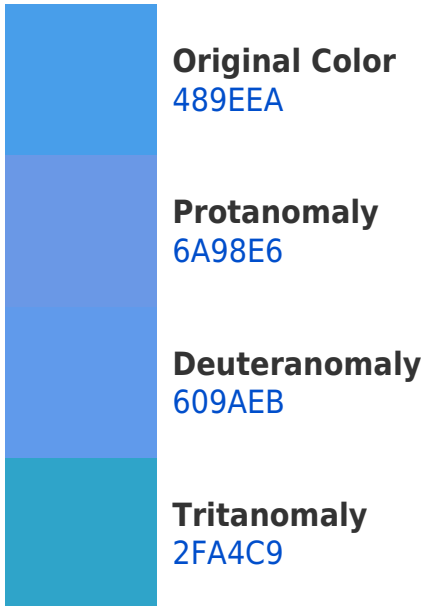
## Dichromacy



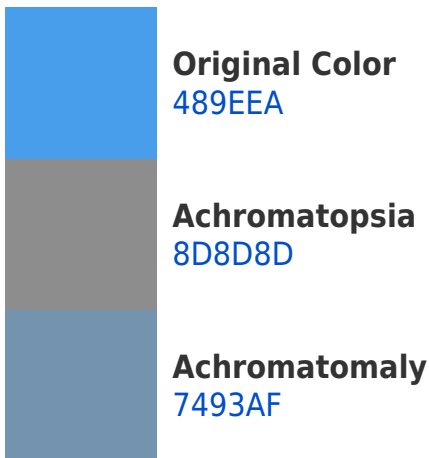


**Tritanopia**  
20A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 489EEA 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 #489EEA looks like.

```
.text, #text, p{  
    color:#489EEA  
}
```

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 #489EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489EEA
}
```

## Border

The CSS property to change the border of an element to Hex 489EEA 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
#489EEA }
```

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

```
.border{ border-color:#489EEA }
```

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

Here you see how a box with a 4 pixel #489EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489EEA; -webkit-box-shadow:4px 4px  
4px 4px #489EEA; box-shadow:4px 4px 4px  
4px #489EEA }
```

# Background

The CSS property to change the background color of an element to Hex 489EEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489EEA }
```

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

```
.background{ background-color:#489EEA }
```

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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