

Converting Colors

Hex(489BEA)

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

Hex(489BEA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(489BEA)

Conversions

Conversions Part 1

Format	Color
Hex	489BEA
RGB	72, 155, 234
RGB Percent	28%, 61%, 92%
CMY	0.7176, 0.3922, 0.0824
CMYK	0.69, 0.34, 0.00, 0.08
HSL	209°, 79%, 60%
HSV	209°, 69%, 92%
XYZ	29.2451, 30.7609, 82.2380
YIQ	139.1890, -74.8270, 6.9730

Conversions

Conversions Part 2

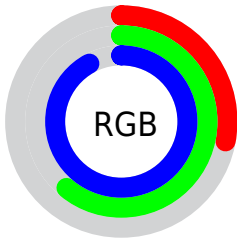
Format	Color
R _Y B	72, 127, 234
Decimal	4758506
CIE Lab	62.31, 0.03, -47.13
CIE LCh	62, 47.129, 270.036
Yxy	30.7609, 0.2056, 0.2163
Android (android.graphics.Color)	4282948586 (0xFF489BEA)
YUV	139.1890, 46.7418, -58.9248
Hunter-Lab	55.4625, -2.9373, -49.0894

Details

The Hex color **489BEA** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **EA9748**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **89D1FF**, and **0068B2** is the 20% darker color. If you saturate the color by 10%, you get **3190EA**, and if you desaturate by 10%, it is **5FA6EA**.

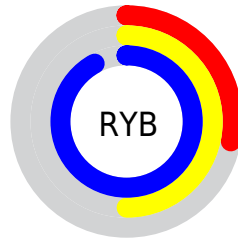
Distribution



Red (28%)

Green (61%)

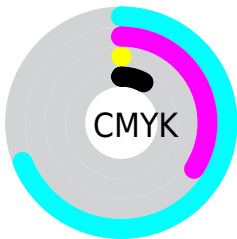
Blue (92%)



Red (28%)

Yellow (50%)

Blue (92%)

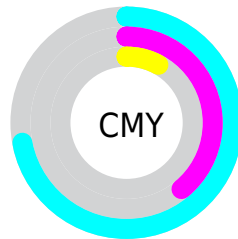


Cyan (69%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (39%)

Yellow (8%)

Brightness & Saturation Gradients

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

 489BEA

 489BEA

FFFFFF

 1B81CE

 89D1FF

 0068B2

 A7EDFF

 005197

 C6FFFF

 003A7C

 E4FFFF

 002563

 00104B

 000433

 00021D

 000000

■ 489BEA

■ 489BEA

■ 3190EA

■ 5FA6EA

■ 1984EA

■ 77B2EA

■ 0279EA

■ 8EBDEA

■ 0078EA

■ A6C9EA

■ BDD4EA

■ D4DFEA

■ ECEBEA

■ FFF6EA

■ FFFFEA

Harmonies

Analogous

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



00A6DE



489BEA



998CDF

Triad

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



489BEA



E3776F



4EA86B

Complementary

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



489BEA



EA9748

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.



85A04B



489BEA



D0854F

Square

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



489BEA



E27398



AF9440



00AC95

Rectangle

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



489BEA



BD81CD



AF9440



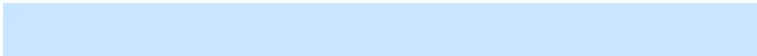
63A65F

Sweetspot

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



489BEA



C9E5FF



48EA96



607080



000000



808080

Same Dimension

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



489BEA



2B98FF



484BEA



6A7075



005DB5



001B36

Inverse Universe

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



EA489B



FF2B98



EAE748



756A70



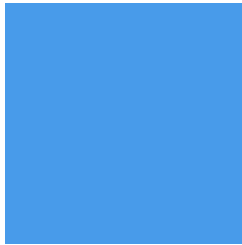
B5005D



36001B

Previews

White Background



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

Color Contrast Check

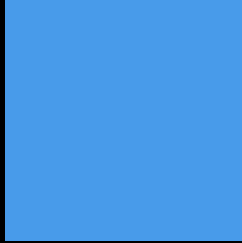
Large Text (above 18pt) WCAG AA × Fail

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 489BEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

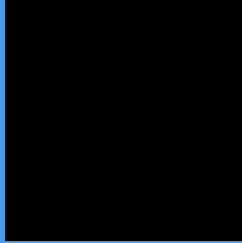
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

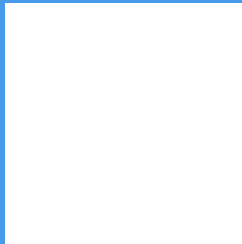
Any Text WCAG AAA ✓ Pass

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

Hex 489BEA Background



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

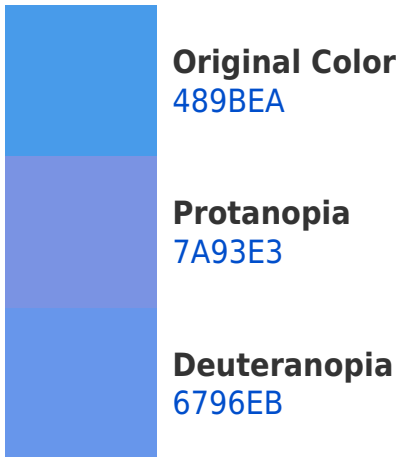


This preview shows how white text looks on a background with the Hex color 489BEA.

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



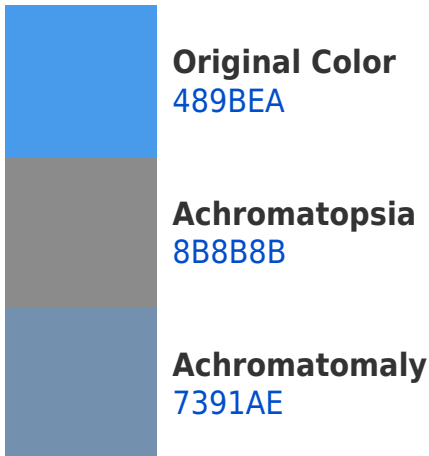


Tritanopia
1DA6B3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #489BEA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor