

Converting Colors

Hex(4B89E3)

Have a look what the booklet for
Hex(4B89E3) contains.

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Color

Hex(4B89E3)

Conversions

Conversions Part 1

Format	Color
Hex	4B89E3
RGB	75, 137, 227
RGB Percent	29%, 54%, 89%
CMY	0.7059, 0.4627, 0.1098
CMYK	0.67, 0.40, 0.00, 0.11
HSL	216°, 73%, 59%
HSV	216°, 67%, 89%
XYZ	25.7124, 24.9332, 76.1304
YIQ	128.7220, -65.8420, 14.8460

Conversions

Conversions Part 2

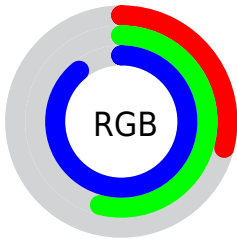
Format	Color
R _Y B	75, 119, 227
Decimal	4950499
CIE Lab	57.01, 8.67, -51.63
CIE LCh	57, 52.356, 279.537
Yxy	24.9332, 0.2028, 0.1967
Android (android.graphics.Color)	4283140579 (0xFF4B89E3)
YUV	128.7220, 48.4511, -47.1142
Hunter-Lab	49.9332, 4.5332, -55.4431

Details

The Hex color **4B89E3** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **E3A54B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8ABEFF**, and **0058AB** is the 20% darker color. If you saturate the color by 10%, you get **347CE3**, and if you desaturate by 10%, it is **6296E3**.

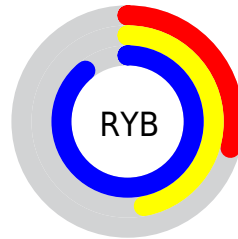
Distribution



Red (29%)

Green (54%)

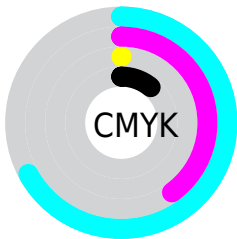
Blue (89%)



Red (29%)

Yellow (47%)

Blue (89%)

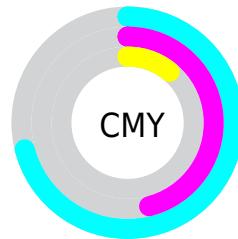


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (46%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B89E3 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 4B89E3 by changing the saturation by 10% instead.

 4B89E3

 4B89E3

FFFFFF

 2370C7

 8ABEFF

 0058AB

 A8DAFF

 004190

 C6F6FF

 002C76

 E4FFFF

 00195D

 000844

 00032D

 000118

 000000

■ 4B89E3

■ 4B89E3

■ 347CE3

■ 6296E3

■ 1E6EE3

■ 78A4E3

■ 0761E3

■ 8FB1E3

■ 005DE3

■ A6BFE3

■ BDCCE3

■ D3DAE3

■ EAE7E3

■ FFF5E3

■ FFFF E3

Harmonies

Analogous

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



0096DE



4B89E3



9E77D0

Triad

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



4B89E3



D56951



009D67

Complementary

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



4B89E3



E3A54B

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.



62963E



4B89E3



BB7B30

Square

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



4B89E3



DC5F7C



948B27



009F97

Rectangle

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



4B89E3



C06AB8



948B27



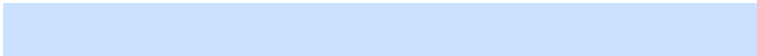
339B58

Sweetspot

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



4B89E3



CCE1FF



4BE3A4



616D80



000000



808080

Same Dimension

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



4B89E3



3386FF



584BE3



676C73



0049B3



001533

Inverse Universe

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



E34B89



FF3386



D6E34B



73676C



B30049



330015

Previews

White Background



This preview shows how the Hex color 4B89E3 looks on a white background.

Color Contrast Check

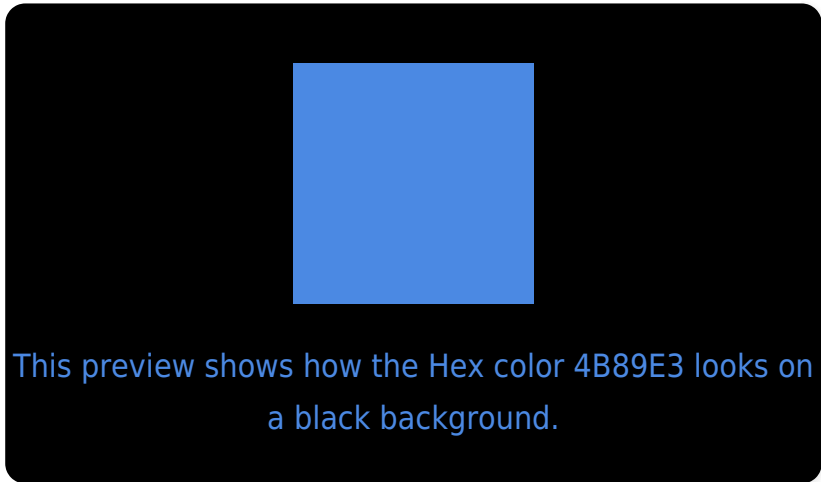
Large Text (above 18pt) WCAG AA ✓ Pass

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

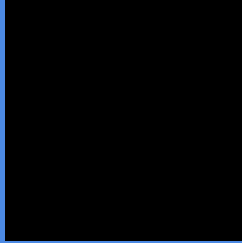
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

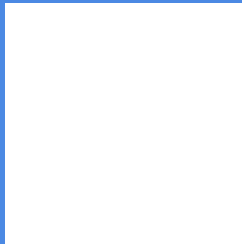
Any Text WCAG AAA × Fail

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

Hex 4B89E3 Background



This preview shows how black text looks on a background with the Hex color 4B89E3.



This preview shows how white text looks on a background with the Hex color 4B89E3.

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



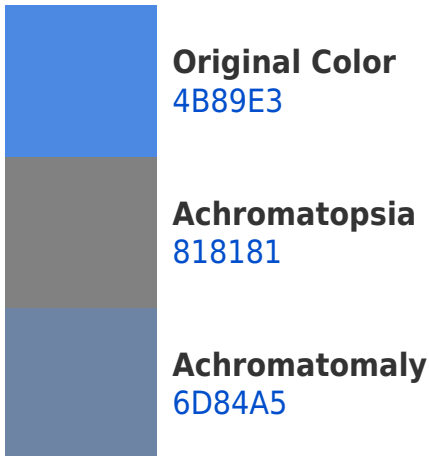


Tritanopia
1E97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B89E3 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 #4B89E3 looks like.

```
.text, #text, p{  
    color:#4B89E3  
}
```

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 #4B89E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B89E3
}
```

Border

The CSS property to change the border of an element to Hex 4B89E3 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
#4B89E3 }
```

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

```
.border{ border-color:#4B89E3 }
```

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

Here you see how a box with a 4 pixel #4B89E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B89E3; -webkit-box-shadow:4px 4px  
4px 4px #4B89E3; box-shadow:4px 4px 4px  
4px #4B89E3 }
```

Background

The CSS property to change the background color of an element to Hex 4B89E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B89E3 }
```

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

```
.background{ background-color:#4B89E3 }
```

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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