

Converting Colors

Hex(49AAE5)

Have a look what the booklet for
Hex(49AAE5) contains.

Hex(49AAE5)	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(49AAE5)

Conversions

Conversions Part 1

Format	Color
Hex	49AAE5
RGB	73, 170, 229
RGB Percent	29%, 67%, 90%
CMY	0.7137, 0.3333, 0.1020
CMYK	0.68, 0.26, 0.00, 0.10
HSL	203°, 75%, 59%
HSV	203°, 68%, 90%
XYZ	31.2652, 35.8231, 79.3954
YIQ	147.7230, -76.7510, -2.2150

Conversions

Conversions Part 2

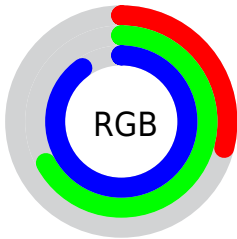
Format	Color
RYB	73, 133, 229
Decimal	4827877
CIELab	66.38, -9.95, -37.97
CIELCh	66, 39.255, 255.313
Yxy	35.8231, 0.2134, 0.2446
Android (android.graphics.Color)	4283017957 (0xFF49AAE5)
YUV	147.7230, 40.0696, -65.5321
Hunter-Lab	59.8524, -11.4981, -36.7528

Details

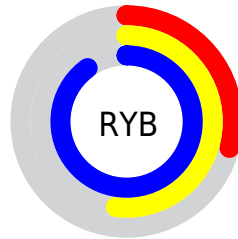
The Hex color **49AAE5** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **E58449**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **89E1FF**, and **0076AD** is the 20% darker color. If you saturate the color by 10%, you get **32A1E5**, and if you desaturate by 10%, it is **60B3E5**.

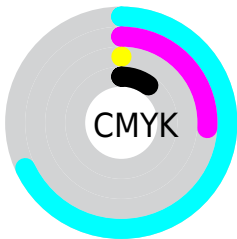
Distribution



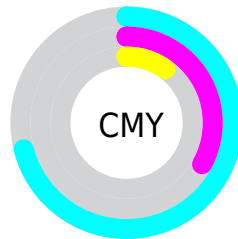
- Red (29%)
- Green (67%)
- Blue (90%)



- Red (29%)
- Yellow (52%)
- Blue (90%)



- Cyan (68%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (71%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AAE5 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 49AAE5 by changing the saturation by 10% instead.

■ 49AAE5

■ 49AAE5

FFFFFF

■ 1E90C9

■ 89E1FF

■ 0076AD

■ A8FEFF

■ 005D92

■ C6FFFF

■ 004678

■ E4FFFF

■ 00305F

■ 001C47

■ 000430

■ 00011B

■ 000000

■ 49AAE5

■ 49AAE5

■ 32A1E5

■ 60B3E5

■ 1B99E5

■ 77BBE5

■ 0490E5

■ 8EC4E5

■ 008EE5

■ A5CDE5

■ BBD5E5

■ D2DEE5

■ E9E7E5

■ FFEFE5

■ FFF8E5

Harmonies

Analogous

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



00B1D3



49AAE5



8B9FE5

Triad

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



49AAE5



E68691



7FAE6E

Complementary

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



49AAE5



E58449

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.



A6A55C



49AAE5



DE8D71

Square

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



49AAE5



DB88B4



C7995D



4FB38E

Rectangle

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



49AAE5



AD96DB



C7995D



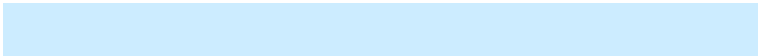
8CAB66

Sweetspot

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



49AAE5



CCECFF



49E582



617480



000000



808080

Same Dimension

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



49AAE5



2EB0FF



495EE5



676E73



006FB3



002033

Inverse Universe

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



E549AA



FF2EB0



E5D049



73676E



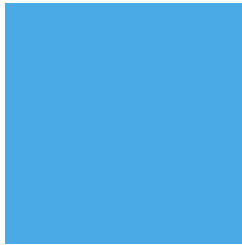
B3006F



330020

Previews

White Background



This preview shows how the Hex color 49AAE5 looks on a white background.

Color Contrast Check

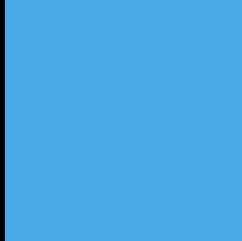
Large Text (above 18pt) WCAG AA × Fail

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 49AAE5 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

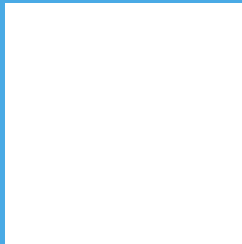
Any Text WCAG AAA ✓ Pass

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

Hex 49AAE5 Background



This preview shows how black text looks on a background with the Hex color 49AAE5.

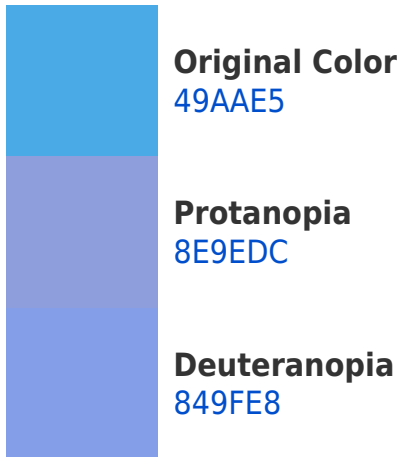


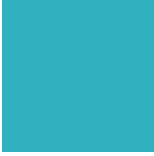
This preview shows how white text looks on a background with the Hex color 49AAE5.

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](#).

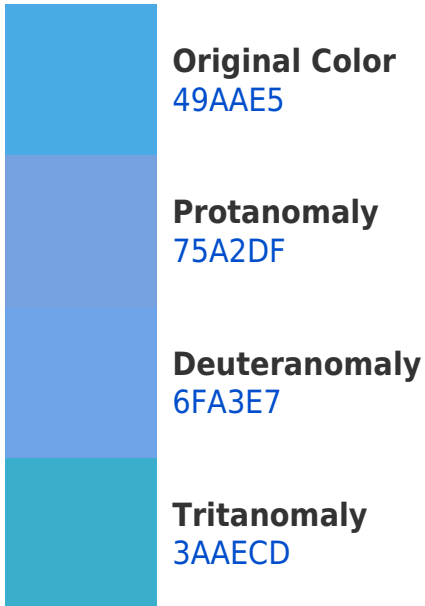
Dichromacy



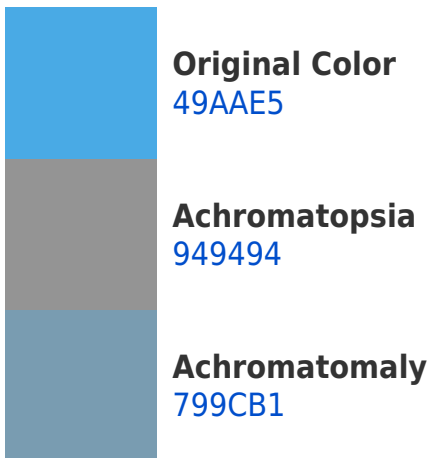


Tritanopia
31B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49AAE5 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 #49AAE5 looks like.

```
.text, #text, p{  
    color:#49AAE5  
}
```

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 #49AAE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AAE5
}
```

Border

The CSS property to change the border of an element to Hex 49AAE5 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
#49AAE5 }
```

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

```
.border{ border-color:#49AAE5 }
```

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

Here you see how a box with a 4 pixel #49AAE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AAE5; -webkit-box-shadow:4px 4px  
4px 4px #49AAE5; box-shadow:4px 4px 4px  
4px #49AAE5 }
```

Background

The CSS property to change the background color of an element to Hex 49AAE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AAE5 }
```

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

```
.background{ background-color:#49AAE5 }
```

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