

Converting Colors

Hex(49A4B5)

Have a look what the booklet for
Hex(49A4B5) contains.

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Color

Hex(49A4B5)

Conversions

Conversions Part 1

Format	Color
Hex	49A4B5
RGB	73, 164, 181
RGB Percent	29%, 64%, 71%
CMY	0.7137, 0.3569, 0.2902
CMYK	0.60, 0.09, 0.00, 0.29
HSL	189°, 43%, 50%
HSV	189°, 60%, 71%
XYZ	24.3636, 31.3036, 48.4742
YIQ	138.7290, -59.6930, -14.0050

Conversions

Conversions Part 2

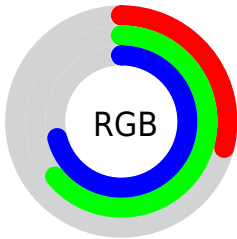
Format	Color
RYB	73, 122, 181
Decimal	4826293
CIELab	62.76, -21.88, -16.92
CIElCh	63, 27.655, 217.710
Yxy	31.3036, 0.2339, 0.3006
Android (android.graphics.Color)	4283016373 (0xFF49A4B5)
YUV	138.7290, 20.8396, -57.6443
Hunter-Lab	55.9496, -20.1829, -12.2035

Details

The Hex color **49A4B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B55A49**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **83DBED**, and **007080** is the 20% darker color. If you saturate the color by 10%, you get **37A1B5**, and if you desaturate by 10%, it is **5BA7B5**.

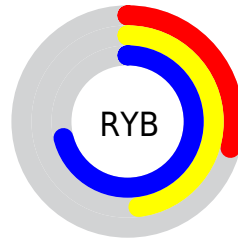
Distribution



Red (29%)

Green (64%)

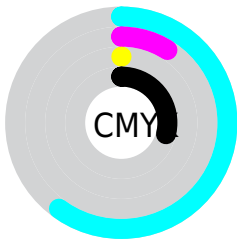
Blue (71%)



Red (29%)

Yellow (48%)

Blue (71%)

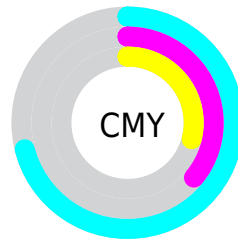


Cyan (60%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (71%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49A4B5 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 49A4B5 by changing the saturation by 10% instead.



49A4B5



49A4B5

FFFFFF



288A9A



83DBED



007080



A0F8FF



005767



BDFFFF



00404F



DBFFFF



002938



F8FFFF



001323



00000B



000000



49A4B5



49A4B5

■ 37A1B5

■ 5BA7B5

■ 259EB5

■ 6DAAB5

■ 139BB5

■ 7FADB5

■ 0199B5

■ 91AFB5

■ 0099B5

■ A4B2B5

■ B6B5B5

■ C8B8B5

■ DABBB5

■ ECBEB5

Harmonies

Analogous

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



52A59E



49A4B5



5E9FC5

Triad

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



49A4B5



BC88AB



A39867

Complementary

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



49A4B5



B55A49

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.



B9906B



49A4B5



C88592

Square

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



49A4B5



A38FBF



C6897B



889F70

Rectangle

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



49A4B5



759BC8



C6897B



AB9667

Sweetspot

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



49A4B5



C0E4EB



49B559



5B7175



F5F5F5



757575

Same Dimension

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



49A4B5



42D0EB



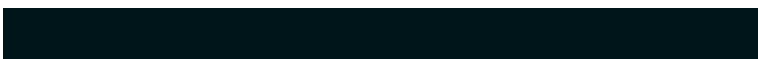
496FB5



505859



008199



00151A

Inverse Universe

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



B549A4



EB42D0



B58F49



595058



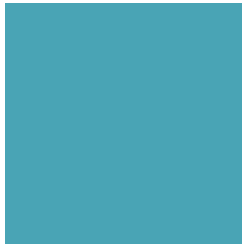
990081



1A0015

Previews

White Background



This preview shows how the Hex color 49A4B5 looks on a white background.

Color Contrast Check

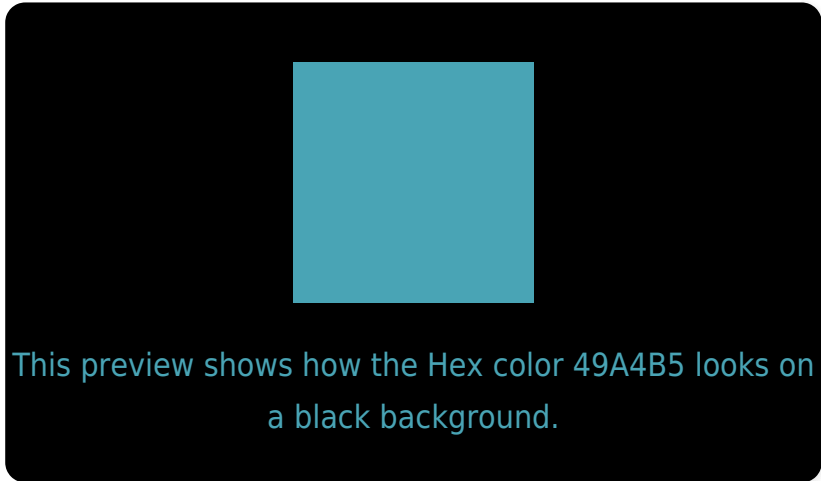
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

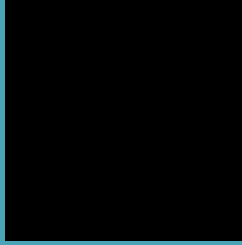
Any Text WCAG AA ✓ Pass

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 49A4B5 Background



This preview shows how black text looks on a background with the Hex color 49A4B5.

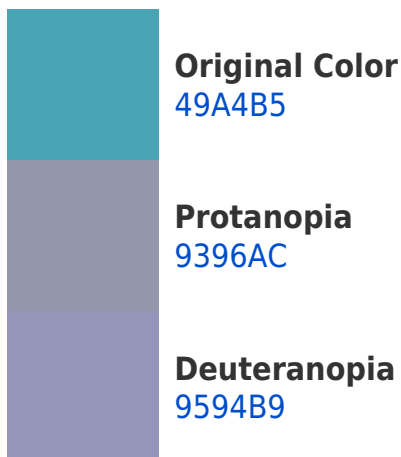


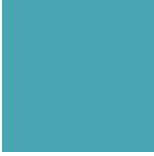
This preview shows how white text looks on a background with the Hex color 49A4B5.

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](#).

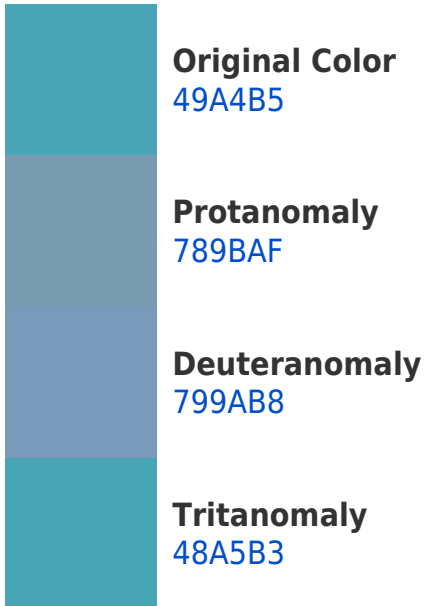
Dichromacy



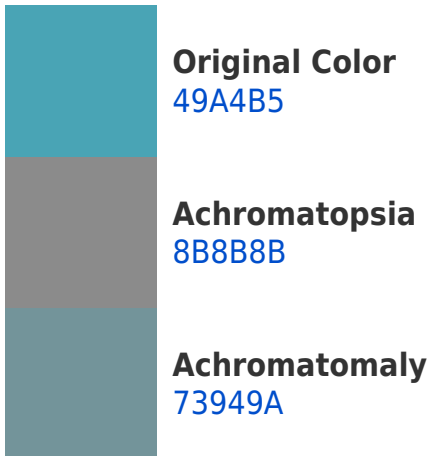


Tritanopia
48A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49A4B5 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 #49A4B5 looks like.

```
.text, #text, p{  
    color:#49A4B5  
}
```

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 #49A4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A4B5
}
```

Border

The CSS property to change the border of an element to Hex 49A4B5 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
#49A4B5 }
```

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

```
.border{ border-color:#49A4B5 }
```

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

Here you see how a box with a 4 pixel #49A4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A4B5; -webkit-box-shadow:4px 4px  
4px 4px #49A4B5; box-shadow:4px 4px 4px  
4px #49A4B5 }
```

Background

The CSS property to change the background color of an element to Hex 49A4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A4B5 }
```

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

```
.background{ background-color:#49A4B5 }
```

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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