

Converting Colors

Hex(419AB5)

Have a look what the booklet for
Hex(419AB5) contains.

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Color

Hex(419AB5)

Conversions

Conversions Part 1

Format	Color
Hex	419AB5
RGB	65, 154, 181
RGB Percent	25%, 60%, 71%
CMY	0.7451, 0.3961, 0.2902
CMYK	0.64, 0.15, 0.00, 0.29
HSL	194°, 47%, 48%
HSV	194°, 64%, 71%
XYZ	22.0761, 27.5712, 47.8743
YIQ	130.4670, -61.7110, -10.4710

Conversions

Conversions Part 2

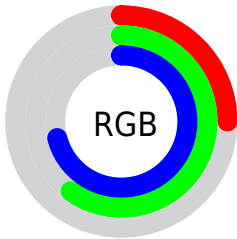
Format	Color
R_{YB}	65, 115, 181
Decimal	4299445
CIE _{Lab}	59.50, -18.08, -21.91
CIE _{LCh}	59, 28.407, 230.472
Y _{xy}	27.5712, 0.2264, 0.2827
Android (android.graphics.Color)	4282489525 (0xFF419AB5)
YUV	130.4670, 24.9128, -57.4146
Hunter-Lab	52.5083, -16.8428, -17.3017

Details

The Hex color **419AB5** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B55C41**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7DD1ED**, and **006780** is the 20% darker color. If you saturate the color by 10%, you get **2F96B5**, and if you desaturate by 10%, it is **539EB5**.

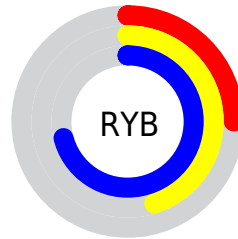
Distribution



Red (25%)

Green (60%)

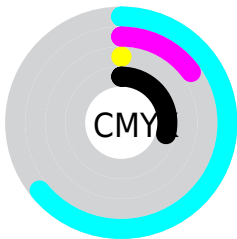
Blue (71%)



Red (25%)

Yellow (45%)

Blue (71%)

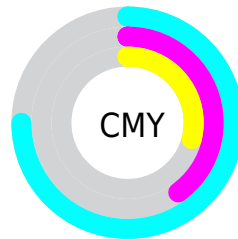


Cyan (64%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (75%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 419AB5 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 419AB5 by changing the saturation by 10% instead.

■ 419AB5

■ 419AB5

FFFFFF

■ 1C809A

■ 7DD1ED

■ 006780

■ 99EDFF

■ 004F67

■ B7FFFF

■ 00384F

■ D4FFFF

■ 002238

■ F2FFFF

■ 000223

■ 000009

■ 000000

■ 419AB5

■ 419AB5

■ 2F96B5

■ 539EB5

■ 1D92B5

■ 65A2B5

■ 0B8DB5

■ 77A7B5

■ 008BB5

■ 89ABB5

■ 9CAFB5

■ AEB3B5

■ C0B7B5

■ D2BCB5

■ E4C0B5

Harmonies

Analogous

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



3D9DA0



419AB5



6194C0

Triad

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



419AB5



BB7D98



8F9360

Complementary

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



419AB5



B55C41

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.



A88B5E



419AB5



C17D7F

Square

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



419AB5



A783AF



BA836A



72996F

Rectangle

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



419AB5



7B8FC0



BA836A



98915E

Sweetspot

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



419AB5



BEE0EB



41B55A



5A6F75



F5F5F5



757575

Same Dimension

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



419AB5



36C1EB



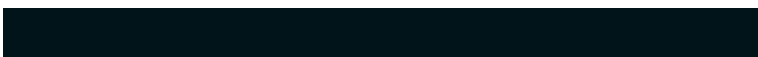
4162B5



505759



007599



00141A

Inverse Universe

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



B5419A



EB36C1



B59441



595057



990075



1A0014

Previews

White Background



This preview shows how the Hex color 419AB5 looks on a white background.

Color Contrast Check

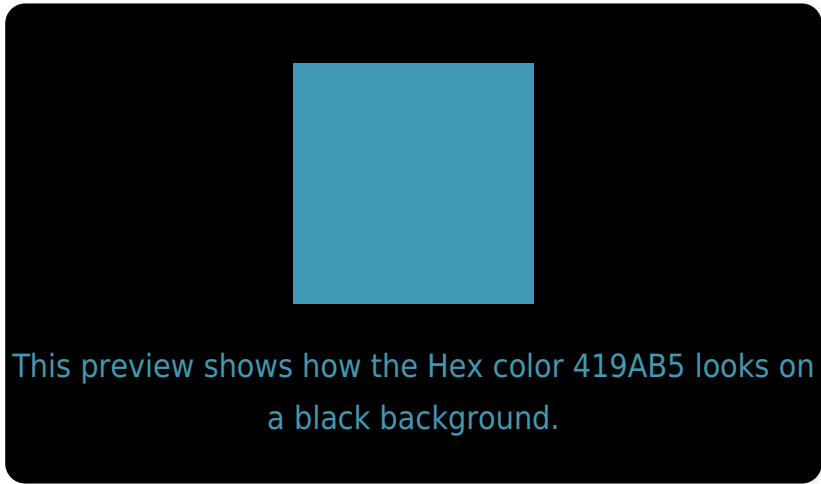
Large Text (above 18pt) WCAG AA ✓ Pass

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 419AB5 Background



This preview shows how black text looks on a background with the Hex color 419AB5.

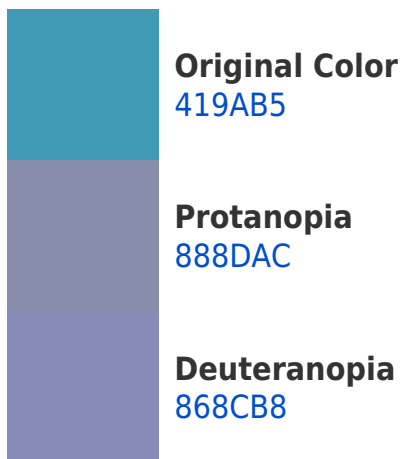


This preview shows how white text looks on a background with the Hex color 419AB5.

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](#).

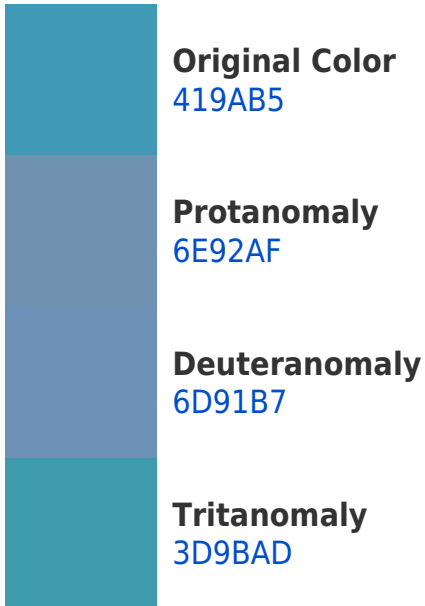
Dichromacy



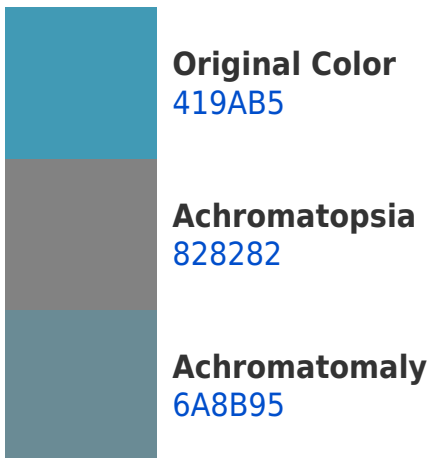


Tritanopia
3B9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 419AB5 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 #419AB5 looks like.

```
.text, #text, p{  
    color:#419AB5  
}
```

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 #419AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #419AB5
}
```

Border

The CSS property to change the border of an element to Hex 419AB5 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
#419AB5 }
```

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

```
.border{ border-color:#419AB5 }
```

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

Here you see how a box with a 4 pixel #419AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #419AB5; -webkit-box-shadow:4px 4px  
4px 4px #419AB5; box-shadow:4px 4px 4px  
4px #419AB5 }
```

Background

The CSS property to change the background color of an element to Hex 419AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#419AB5 }
```

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

```
.background{ background-color:#419AB5 }
```

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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