

Converting Colors

Hex(4169C3)

Have a look what the booklet for
Hex(4169C3) contains.

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Color

Hex(4169C3)

Conversions

Conversions Part 1

Format	Color
Hex	4169C3
RGB	65, 105, 195
RGB Percent	25%, 41%, 76%
CMY	0.7451, 0.5882, 0.2353
CMYK	0.67, 0.46, 0.00, 0.24
HSL	222°, 52%, 51%
HSV	222°, 67%, 76%
XYZ	17.0819, 15.1671, 53.6570
YIQ	103.3000, -52.7300, 19.5100

Conversions

Conversions Part 2

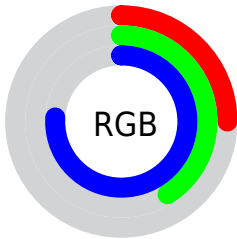
Format	Color
R _Y B	65, 96, 195
Decimal	4286915
CIE Lab	45.86, 15.52, -51.31
CIE LCh	46, 53.610, 286.825
Yxy	15.1671, 0.1988, 0.1766
Android (android.graphics.Color)	4282476995 (0xFF4169C3)
YUV	103.3000, 45.2081, -33.5891
Hunter-Lab	38.9450, 10.1392, -54.4262

Details

The Hex color **4169C3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **C39B41**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7E9CFC**, and **003B8D** is the 20% darker color. If you saturate the color by 10%, you get **2E5BC3**, and if you desaturate by 10%, it is **5576C3**.

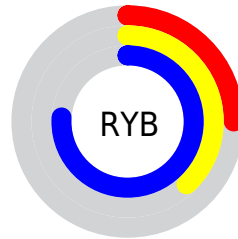
Distribution



Red (25%)

Green (41%)

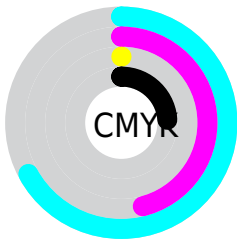
Blue (76%)



Red (25%)

Yellow (38%)

Blue (76%)

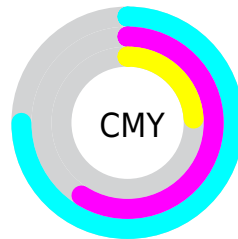


Cyan (67%)

Magenta (46%)

Yellow (0%)

Black (24%)



Cyan (75%)

Magenta (59%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4169C3 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 4169C3 by changing the saturation by 10% instead.

■ 4169C3

■ 4169C3

FFFFFF

■ 1A51A7

■ 7E9CFC

■ 003B8D

■ 9BB6FF

■ 002672

■ B8D2FF

■ 001359

■ D6EEFF

■ 000741

■ F4FFFF

■ 00032A

■ 000114

■ 000000

■ 4169C3

■ 4169C3

■ 2E5BC3

■ 5576C3

■ 1A4EC3

■ 6884C3

■ 0740C3

■ 7C92C3

■ 003CC3

■ 8F9FC3

■ A3ADC3

■ B6BAC3

■ CAC8C3

■ DDD5C3

■ F1E3C3

Harmonies

Analogous

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



0077C4



4169C3



8E55AB

Triad

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



4169C3



B0502C



008057

Complementary

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



4169C3



C39B41

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.



347B2A



4169C3



936305

Square

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



4169C3



BD4055



6B7201



008185

Rectangle

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



4169C3



AA4891



6B7201



007F47

Sweetspot

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



4169C3



CAD9FC



41C39A



616A80



000000



808080

Same Dimension

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



4169C3



3271FC



5941C3



575A61



0031A1



000A21

Inverse Universe

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



C34169



FC3271



ABC341



61575A



A10031



21000A

Previews

White Background



This preview shows how the Hex color 4169C3 looks on a white background.

Color Contrast Check

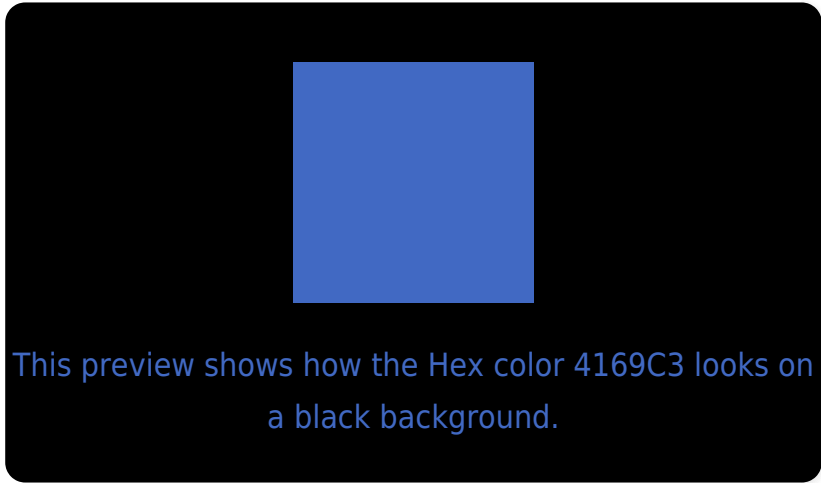
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 4169C3 Background



This preview shows how black text looks on a background with the Hex color 4169C3.

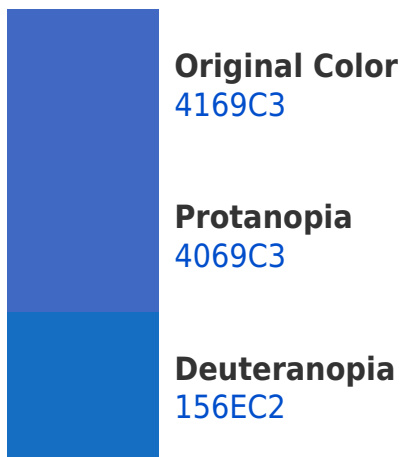


This preview shows how white text looks on a background with the Hex color 4169C3.

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](#).

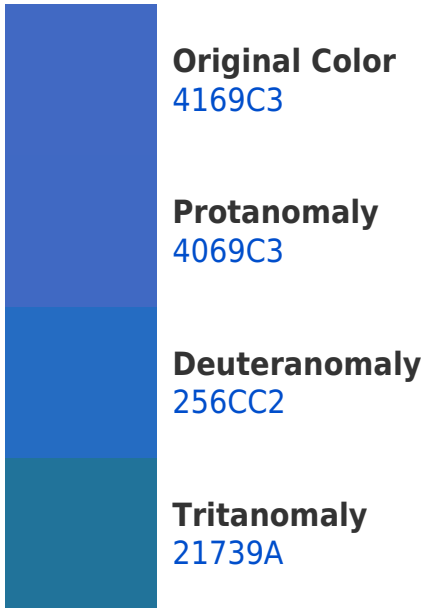
Dichromacy





Tritanopia
0E7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4169C3 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 #4169C3 looks like.

```
.text, #text, p{  
    color:#4169C3  
}
```

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 #4169C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4169C3
}
```

Border

The CSS property to change the border of an element to Hex 4169C3 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
#4169C3 }
```

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

```
.border{ border-color:#4169C3 }
```

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

Here you see how a box with a 4 pixel #4169C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4169C3; -webkit-box-shadow:4px 4px  
4px 4px #4169C3; box-shadow:4px 4px 4px  
4px #4169C3 }
```

Background

The CSS property to change the background color of an element to Hex 4169C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4169C3 }
```

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

```
.background{ background-color:#4169C3 }
```

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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