

Converting Colors

Hex(418CC9)

Have a look what the booklet for
Hex(418CC9) contains.

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Color

Hex(418CC9)

Conversions

Conversions Part 1

Format	Color
Hex	418CC9
RGB	65, 140, 201
RGB Percent	25%, 55%, 79%
CMY	0.7451, 0.4510, 0.2118
CMYK	0.68, 0.30, 0.00, 0.21
HSL	207°, 56%, 52%
HSV	207°, 68%, 79%
XYZ	22.1007, 24.0970, 58.7447
YIQ	124.5290, -64.2810, 3.0710

Conversions

Conversions Part 2

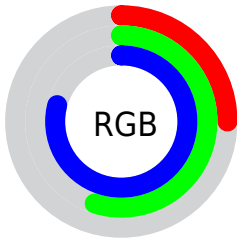
Format	Color
R_{YB}	65, 113, 201
Decimal	4295881
CIE _{Lab}	56.18, -3.68, -38.36
CIE _{LCh}	56, 38.536, 264.522
Yxy	24.0970, 0.2106, 0.2296
Android (android.graphics.Color)	4282485961 (0xFF418CC9)
YUV	124.5290, 37.7002, -52.2069
Hunter-Lab	49.0887, -5.5412, -36.5905

Details

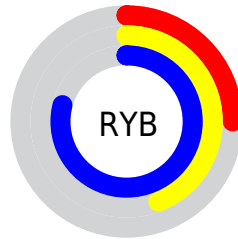
The Hex color **418CC9** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C97E41**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7FC1FF**, and **005A93** is the 20% darker color. If you saturate the color by 10%, you get **2D83C9**, and if you desaturate by 10%, it is **5595C9**.

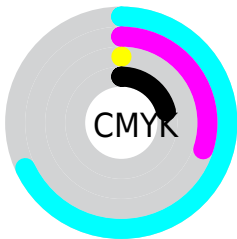
Distribution



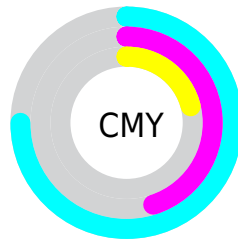
- Red (25%)
- Green (55%)
- Blue (79%)



- Red (25%)
- Yellow (44%)
- Blue (79%)



- Cyan (68%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 418CC9 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 418CC9 by changing the saturation by 10% instead.

■ 418CC9

■ 418CC9

FFFFFF

■ 1873AD

■ 7FC1FF

■ 005A93

■ 9CDDFF

■ 004379

■ B9FAFF

■ 002D5F

■ D7FFFF

■ 001947

■ F5FFFF

■ 000430

■ 00011B

■ 000000

■ 418CC9

■ 418CC9

■ 2D83C9

■ 5595C9

■ 197AC9

■ 699EC9

■ 0571C9

■ 7DA7C9

■ 006FC9

■ 91B0C9

■ A6B9C9

■ BAC2C9

■ CECBC9

■ E2D4C9

■ F6DDC9

Harmonies

Analogous

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



0094BC



418CC9



8080C4

Triad

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



418CC9



C66D6D



58945F

Complementary

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



418CC9



C97E41

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.



808D48



418CC9



BA7751

Square

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



418CC9



C26C8E



A18343



1A987F

Rectangle

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



418CC9



9F78B7



A18343



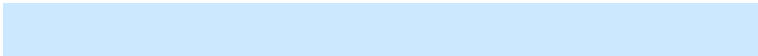
669255

Sweetspot

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



418CC9



CCE8FF



41C97C



617280



000000



808080

Same Dimension

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



418CC9



30A2FF



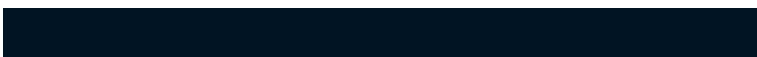
414AC9



5A5F63



005AA3



001424

Inverse Universe

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



C9418C



FF30A2



C9C041



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color 418CC9 looks on a white background.

Color Contrast Check

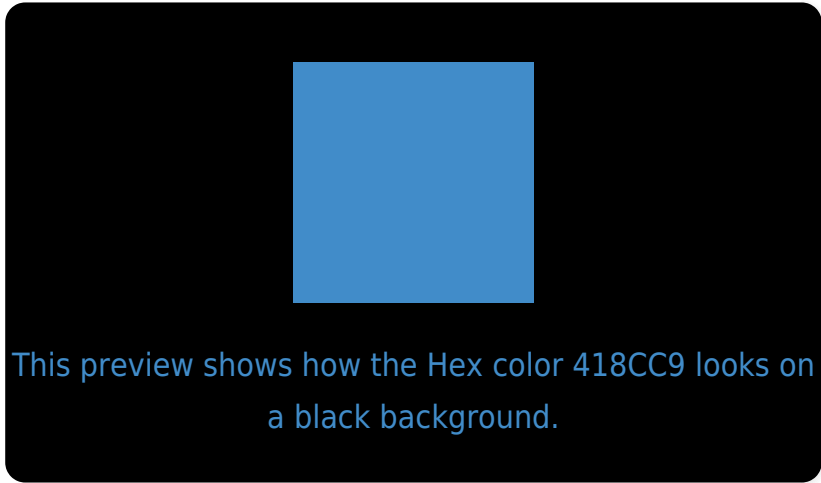
Large Text (above 18pt) WCAG AA ✓ Pass

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

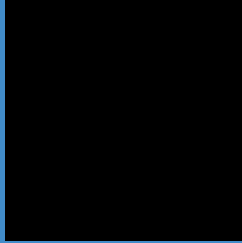
Any Text WCAG AA ✓ Pass

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 418CC9 Background



This preview shows how black text looks on a background with the Hex color 418CC9.

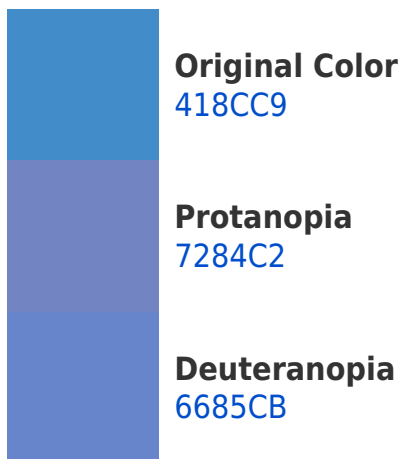


This preview shows how white text looks on a background with the Hex color 418CC9.

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](#).

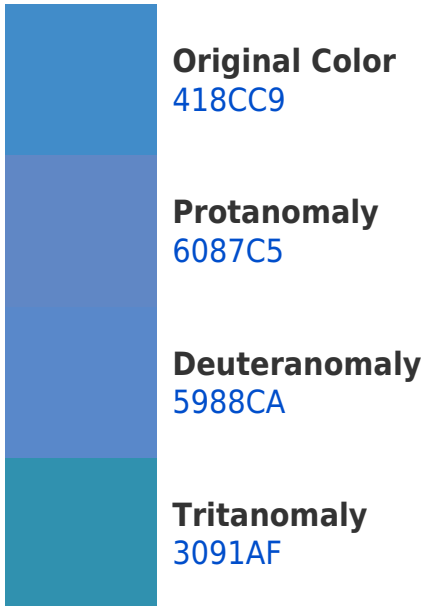
Dichromacy



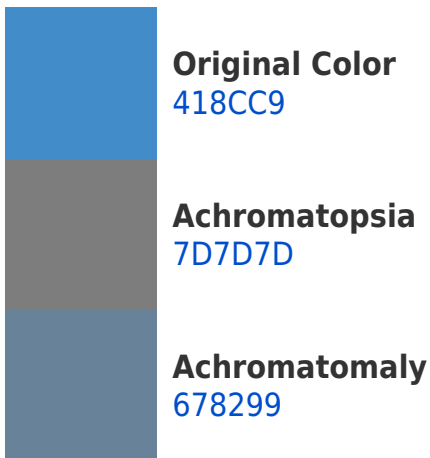


Tritanopia
2694A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 418CC9 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 #418CC9 looks like.

```
.text, #text, p{  
    color:#418CC9  
}
```

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 #418CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #418CC9
}
```

Border

The CSS property to change the border of an element to Hex 418CC9 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
#418CC9 }
```

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

```
.border{ border-color:#418CC9 }
```

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

Here you see how a box with a 4 pixel #418CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #418CC9; -webkit-box-shadow:4px 4px  
4px 4px #418CC9; box-shadow:4px 4px 4px  
4px #418CC9 }
```

Background

The CSS property to change the background color of an element to Hex 418CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#418CC9 }
```

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

```
.background{ background-color:#418CC9 }
```

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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