

Converting Colors

Hex(408CB9)

Have a look what the booklet for
Hex(408CB9) contains.

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Color

Hex(408CB9)

Conversions

Conversions Part 1

Format	Color
Hex	408CB9
RGB	64, 140, 185
RGB Percent	25%, 55%, 73%
CMY	0.7490, 0.4510, 0.2745
CMYK	0.65, 0.24, 0.00, 0.27
HSL	202°, 49%, 49%
HSV	202°, 65%, 73%
XYZ	20.2494, 23.3489, 49.3385
YIQ	122.4060, -59.7410, -2.1170

Conversions

Conversions Part 2

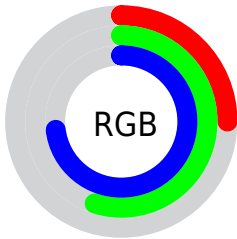
Format	Color
R_{YB}	64, 111, 185
Decimal	4230329
CIE _{Lab}	55.43, -9.26, -30.46
CIE _{LCh}	55, 31.838, 253.089
Yxy	23.3489, 0.2179, 0.2512
Android (android.graphics.Color)	4282420409 (0xFF408CB9)
YUV	122.4060, 30.8588, -51.2221
Hunter-Lab	48.3207, -9.7587, -26.7143

Details

The Hex color **408CB9** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B96D40**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7CC1F1**, and **005A84** is the 20% darker color. If you saturate the color by 10%, you get **2E85B9**, and if you desaturate by 10%, it is **5293B9**.

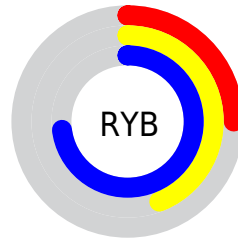
Distribution



Red (25%)

Green (55%)

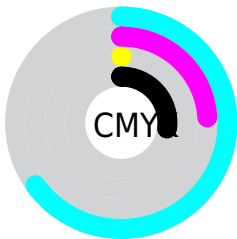
Blue (73%)



Red (25%)

Yellow (44%)

Blue (73%)

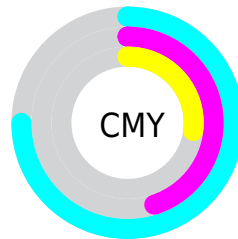


Cyan (65%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408CB9 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 408CB9 by changing the saturation by 10% instead.

■ 408CB9

■ 408CB9

FFFFFF

■ 1B739E

■ 7CC1F1

■ 005A84

■ 98DDFF

■ 00436A

■ B5FAFF

■ 002D52

■ D3FFFF

■ 00193B

■ F0FFFF

■ 000225

■ 00010D

■ 000000

■ 408CB9

■ 408CB9

■ 2E85B9

■ 5293B9

■ 1B7EB9

■ 659AB9

■ 0877B9

■ 78A1B9

■ 0074B9

■ 8AA8B9

■ 9DAEB9

■ AFB5B9

■ C2BCB9

■ D4C3B9

■ E6CAB9

Harmonies

Analogous

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



0991AA



408CB9



7083BA

Triad

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



408CB9



BB6F7A



6C8E5B

Complementary

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



408CB9



B96D40

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.



8B874E



408CB9



B67560

Square

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



408CB9



B17196



A47E50



499274

Rectangle

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



408CB9



8C7DB3



A47E50



778C56

Sweetspot

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



408CB9



C0DEF0



40B96C



5B6D78



F7F7F7



787878

Same Dimension

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



408CB9



35AAF0



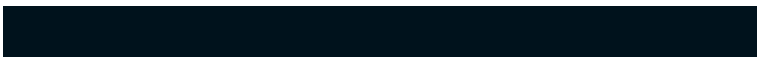
4050B9



53585C



00629C



00121C

Inverse Universe

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



B9408C



F035AA



B9A940



5C5358



9C0062



1C0012

Previews

White Background



This preview shows how the Hex color 408CB9 looks on a white background.

Color Contrast Check

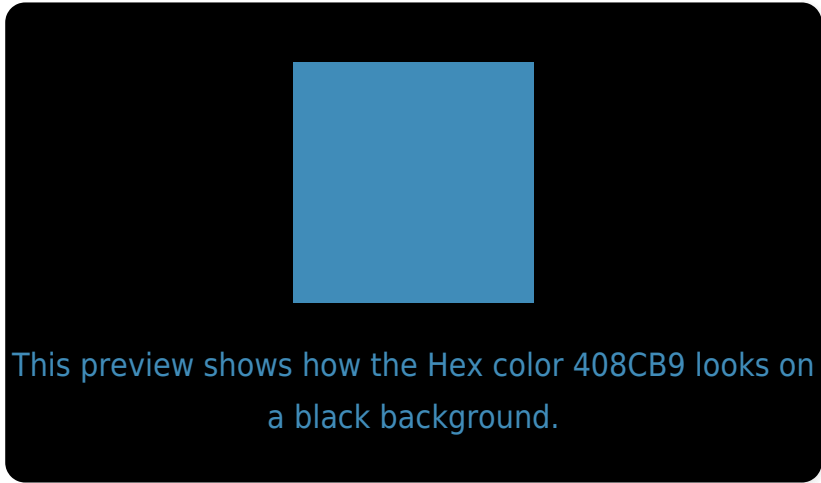
Large Text (above 18pt) WCAG AA ✓ Pass

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

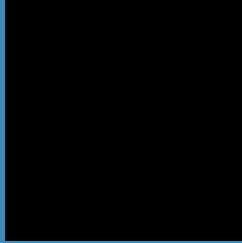
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

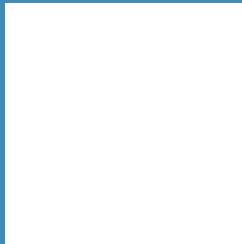
Any Text WCAG AAA × Fail

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

Hex 408CB9 Background



This preview shows how black text looks on a background with the Hex color 408CB9.

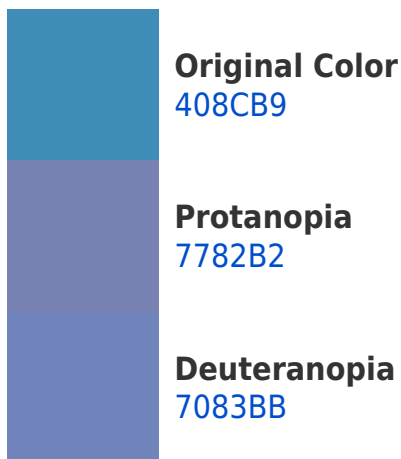


This preview shows how white text looks on a background with the Hex color 408CB9.

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](#).

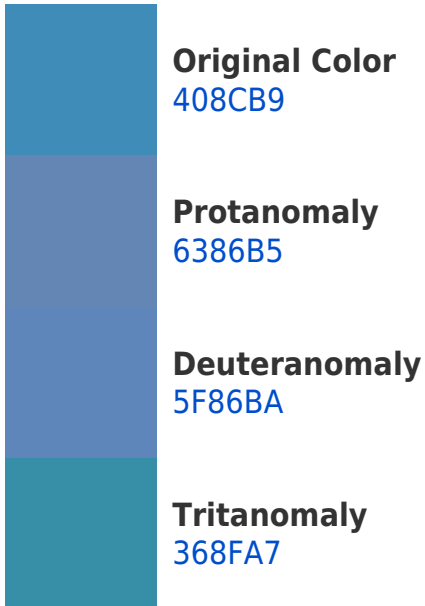
Dichromacy



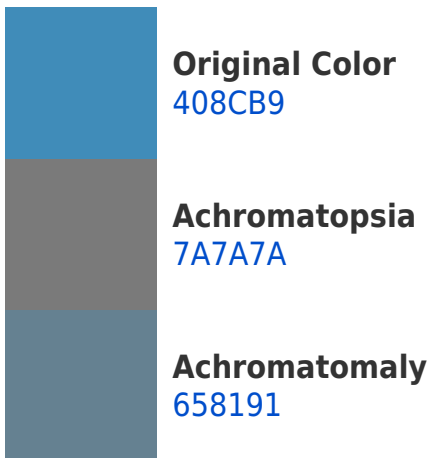


Tritanopia
30919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408CB9 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 #408CB9 looks like.

```
.text, #text, p{  
    color:#408CB9  
}
```

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 #408CB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408CB9
}
```

Border

The CSS property to change the border of an element to Hex 408CB9 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
#408CB9 }
```

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

```
.border{ border-color:#408CB9 }
```

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

Here you see how a box with a 4 pixel #408CB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408CB9; -webkit-box-shadow:4px 4px  
4px 4px #408CB9; box-shadow:4px 4px 4px  
4px #408CB9 }
```

Background

The CSS property to change the background color of an element to Hex 408CB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408CB9 }
```

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

```
.background{ background-color:#408CB9 }
```

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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