

Converting Colors

Hex(468CC9)

Have a look what the booklet for
Hex(468CC9) contains.

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Color

Hex(468CC9)

Conversions

Conversions Part 1

Format	Color
Hex	468CC9
RGB	70, 140, 201
RGB Percent	27%, 55%, 79%
CMY	0.7255, 0.4510, 0.2118
CMYK	0.65, 0.30, 0.00, 0.21
HSL	208°, 55%, 53%
HSV	208°, 65%, 79%
XYZ	22.4465, 24.2753, 58.7609
YIQ	126.0240, -61.3010, 4.1310

Conversions

Conversions Part 2

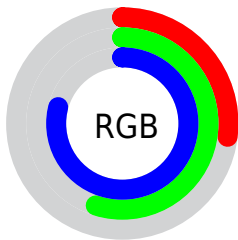
Format	Color
R_{YB}	70, 116, 201
Decimal	4623561
CIE _{Lab}	56.36, -2.85, -38.07
CIE _{LCh}	56, 38.176, 265.720
Yxy	24.2753, 0.2128, 0.2301
Android (android.graphics.Color)	4282813641 (0xFF468CC9)
YUV	126.0240, 36.9632, -49.1330
Hunter-Lab	49.2700, -4.9012, -36.2221

Details

The Hex color **468CC9** 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 **C98346**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **82C1FF**, and **005A93** is the 20% darker color. If you saturate the color by 10%, you get **3283C9**, and if you desaturate by 10%, it is **5A95C9**.

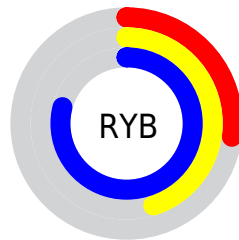
Distribution



Red (27%)

Green (55%)

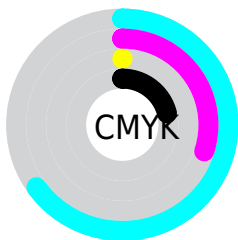
Blue (79%)



Red (27%)

Yellow (45%)

Blue (79%)

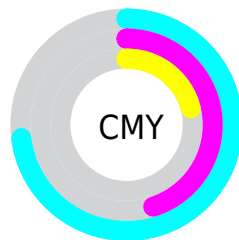


Cyan (65%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (73%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468CC9 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 468CC9 by changing the saturation by 10% instead.

■ 468CC9

■ 468CC9

FFFFFF

■ 2173AD

■ 82C1FF

■ 005A93

■ A0DDFF

■ 004379

■ BDFAFF

■ 002D5F

■ DAFFFF

■ 001947

■ F8FFFF

■ 000430

■ 00011B

■ 000000

■ 468CC9

■ 468CC9

■ 3283C9

■ 5A95C9

■ 1E79C9

■ 6E9FC9

■ 0A70C9

■ 82A8C9

■ 006BC9

■ 96B1C9

■ ABBBC9

■ BFC4C9

■ D3CEC9

■ E7D7C9

■ FBE0C9

Harmonies

Analogous

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



0094BD



468CC9



8380C3

Triad

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



468CC9



C66E6C



579560

Complementary

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



468CC9



C98346

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.



7F8E4A



468CC9



B97851

Square

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



468CC9



C26C8D



A08444



199881

Rectangle

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



468CC9



A078B6



A08444



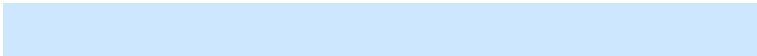
659357

Sweetspot

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



468CC9



CCE7FF



46C981



617180



000000



808080

Same Dimension

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



468CC9



38A2FF



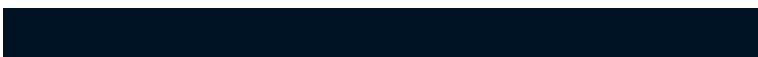
464DC9



5A5F63



0057A3



001324

Inverse Universe

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



C9468C



FF38A2



C9C246



635A5F



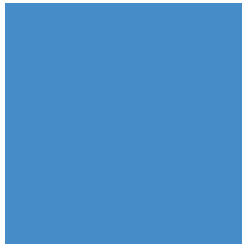
A30057



240013

Previews

White Background



This preview shows how the Hex color 468CC9 looks on a white background.

Color Contrast Check

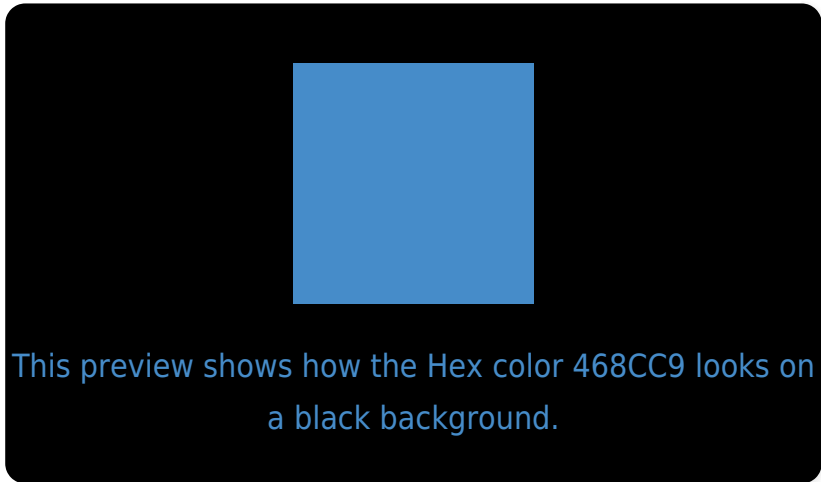
Large Text (above 18pt) WCAG AA ✓ Pass

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

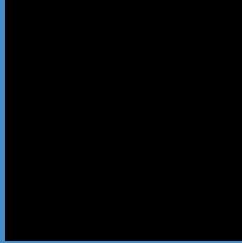
Any Text WCAG AA ✓ Pass

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 468CC9 Background



This preview shows how black text looks on a background with the Hex color 468CC9.

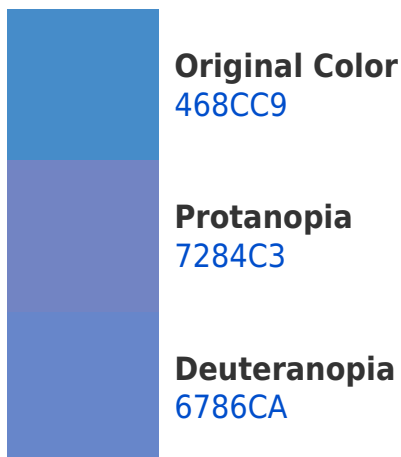


This preview shows how white text looks on a background with the Hex color 468CC9.

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](#).

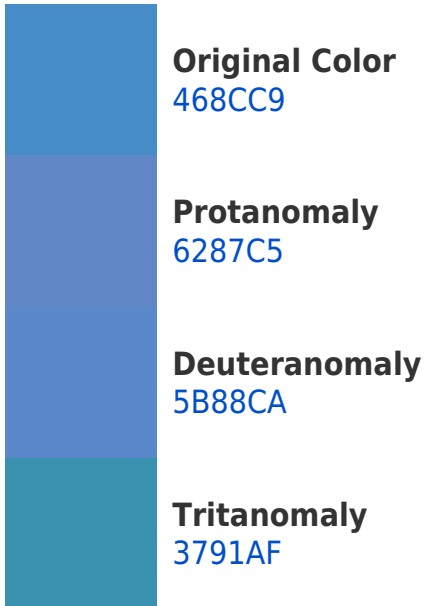
Dichromacy



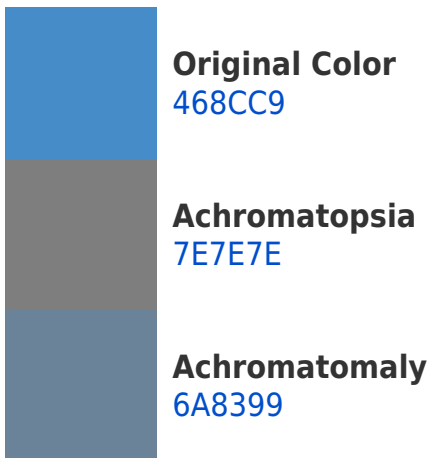


Tritanopia
2F94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468CC9 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 #468CC9 looks like.

```
.text, #text, p{  
    color:#468CC9  
}
```

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 #468CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468CC9
}
```

Border

The CSS property to change the border of an element to Hex 468CC9 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
#468CC9 }
```

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

```
.border{ border-color:#468CC9 }
```

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

Here you see how a box with a 4 pixel #468CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468CC9; -webkit-box-shadow:4px 4px  
4px 4px #468CC9; box-shadow:4px 4px 4px  
4px #468CC9 }
```

Background

The CSS property to change the background color of an element to Hex 468CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468CC9 }
```

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

```
.background{ background-color:#468CC9 }
```

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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