

Converting Colors

Hex(468DC0)

Have a look what the booklet for
Hex(468DC0) contains.

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Color

Hex(468DC0)

Conversions

Conversions Part 1

Format	Color
Hex	468DC0
RGB	70, 141, 192
RGB Percent	27%, 55%, 75%
CMY	0.7255, 0.4471, 0.2471
CMYK	0.64, 0.27, 0.00, 0.25
HSL	205°, 49%, 51%
HSV	205°, 64%, 75%
XYZ	21.5651, 24.1576, 53.3955
YIQ	125.5850, -58.6870, 0.8090

Conversions

Conversions Part 2

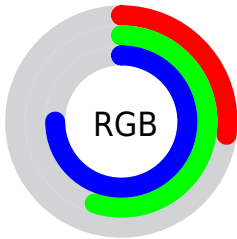
Format	Color
R_{YB}	70, 115, 192
Decimal	4623808
CIE _{Lab}	56.25, -6.44, -33.16
CIE _{LCh}	56, 33.776, 259.003
Yxy	24.1576, 0.2176, 0.2437
Android (android.graphics.Color)	4282813888 (0xFF468DC0)
YUV	125.5850, 32.7426, -48.7480
Hunter-Lab	49.1504, -7.6950, -30.0055

Details

The Hex color **468DC0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C07946**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **81C2F9**, and **005B8A** is the 20% darker color. If you saturate the color by 10%, you get **3385C0**, and if you desaturate by 10%, it is **5995C0**.

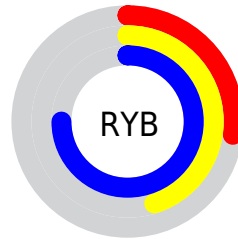
Distribution



Red (27%)

Green (55%)

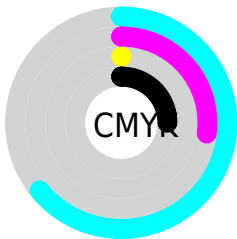
Blue (75%)



Red (27%)

Yellow (45%)

Blue (75%)

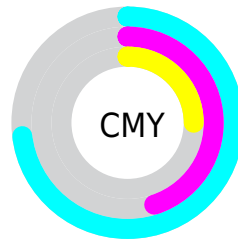


Cyan (64%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (73%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468DC0 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 468DC0 by changing the saturation by 10% instead.

■ 468DC0

■ 468DC0

FFFFFF

■ 2374A5

■ 81C2F9

■ 005B8A

■ 9EDEF9

■ 004471

■ BBFBFF

■ 002E58

■ D8FFFF

■ 001A40

■ F6FFFF

■ 00032A

■ 000114

■ 000000

■ 468DC0

■ 468DC0

■ 3385C0

■ 5995C0

■ 207DC0

■ 6C9DC0

■ 0C75C0

■ 80A5C0

■ 0070C0

■ 93ADC0

■ A6B5C0

■ B9BDC0

■ CCC5C0

■ E0CDC0

■ F3D5C0

Harmonies

Analogous

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



0094B2



468DC0



7A83BE

Triad

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



468DC0



C07075



66925F

Complementary

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



468DC0



C07946

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.



878B4E



468DC0



B8775C

Square

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



468DC0



B97193



A3814D



3E967B

Rectangle

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



468DC0



967CB5



A3814D



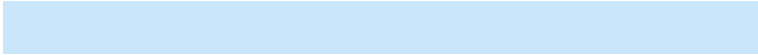
719058

Sweetspot

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



468DC0



CAE6FA



46C079



60717D



FCFCFC



7D7D7D

Same Dimension

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



468DC0



3CABFA



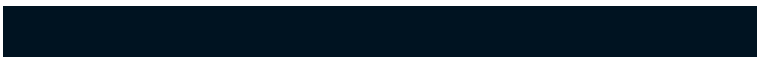
4650C0



575D61



005DA1



001321

Inverse Universe

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



C0468D



FA3CAB



C0B646



61575D



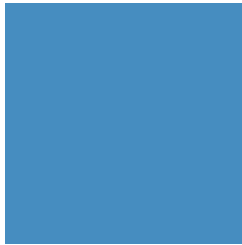
A1005D



210013

Previews

White Background



This preview shows how the Hex color 468DC0 looks on a white background.

Color Contrast Check

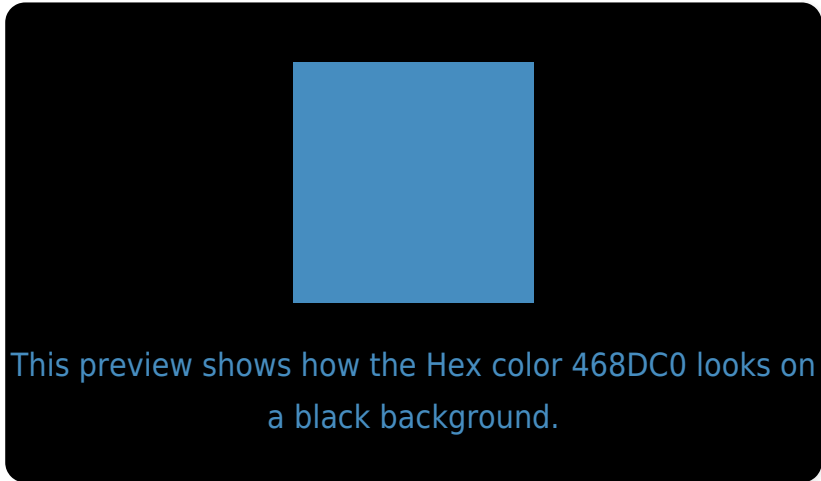
Large Text (above 18pt) WCAG AA ✓ Pass

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

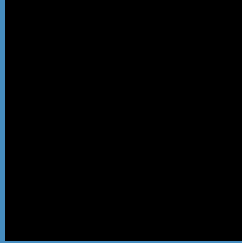
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

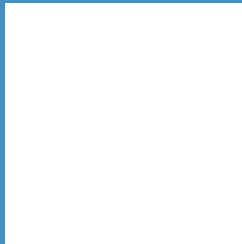
Any Text WCAG AAA × Fail

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

Hex 468DC0 Background



This preview shows how black text looks on a background with the Hex color 468DC0.



This preview shows how white text looks on a background with the Hex color 468DC0.

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](#).

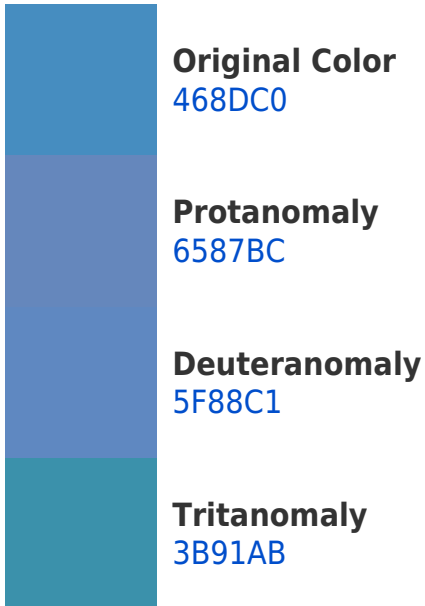
Dichromacy





Tritanopia
35939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468DC0 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 #468DC0 looks like.

```
.text, #text, p{  
    color:#468DC0  
}
```

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 #468DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468DC0
}
```

Border

The CSS property to change the border of an element to Hex 468DC0 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
#468DC0 }
```

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

```
.border{ border-color:#468DC0 }
```

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

Here you see how a box with a 4 pixel #468DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468DC0; -webkit-box-shadow:4px 4px  
4px 4px #468DC0; box-shadow:4px 4px 4px  
4px #468DC0 }
```

Background

The CSS property to change the background color of an element to Hex 468DC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468DC0 }
```

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

```
.background{ background-color:#468DC0 }
```

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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