

Converting Colors

Hex(468EA8)

Have a look what the booklet for
Hex(468EA8) contains.

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Color

Hex(468EA8)

Conversions

Conversions Part 1

Format	Color
Hex	468EA8
RGB	70, 142, 168
RGB Percent	27%, 56%, 66%
CMY	0.7255, 0.4431, 0.3412
CMYK	0.58, 0.15, 0.00, 0.34
HSL	196°, 41%, 47%
HSV	196°, 58%, 66%
XYZ	19.2667, 23.4752, 40.5615
YIQ	123.4360, -51.2580, -7.1780

Conversions

Conversions Part 2

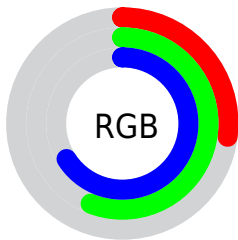
Format	Color
RYB	70, 112, 168
Decimal	4624040
CIELab	55.56, -14.73, -20.53
CIELCh	56, 25.266, 234.347
Yxy	23.4752, 0.2313, 0.2818
Android (android.graphics.Color)	4282814120 (0xFF468EA8)
YUV	123.4360, 21.9701, -46.8634
Hunter-Lab	48.4513, -13.8091, -15.7194

Details

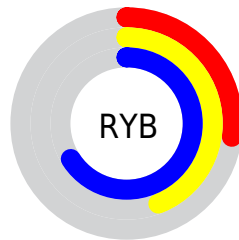
The Hex color **468EA8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A86046**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7EC4DF**, and **005C74** is the 20% darker color. If you saturate the color by 10%, you get **358AA8**, and if you desaturate by 10%, it is **5792A8**.

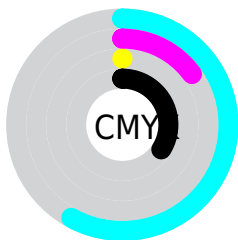
Distribution



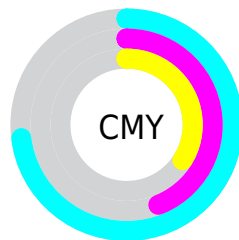
- Red (27%)
- Green (56%)
- Blue (66%)



- Red (27%)
- Yellow (44%)
- Blue (66%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)



- Cyan (73%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 468EA8 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 468EA8 by changing the saturation by 10% instead.

468EA8

468EA8

FFFFFF

27748E

7EC4DF

005C74

9BE0FC

00445B

B7FCFF

002E44

D4FFFF

001A2D

F1FFFF

000119

000000

468EA8

468EA8

358AA8

5792A8

■ 2485A8

■ 6897A8

■ 1481A8

■ 789BA8

■ 037CA8

■ 89A0A8

■ 007BA8

■ 9AA4A8

■ ABA9A8

■ BCADA8

■ CCB2A8

■ DDB6A8

Harmonies

Analogous

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



3F9196



468EA8



6288B0

Triad

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



468EA8



AD758A



82895D

Complementary

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



468EA8



A86046

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.



98825A



468EA8



B17674

Square

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



468EA8



9D7A9F



A97B62



698E6B

Rectangle

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



468EA8



7884AF



A97B62



8A875A

Sweetspot

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



468EA8



B4D1DB



46A85E



56676E



EDEDED



6E6E6E

Same Dimension

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



468EA8



42B3DB



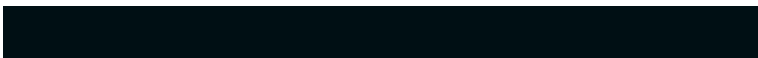
465EA8



4C5254



006D94



000F14

Inverse Universe

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



A8468E



DB42B3



A89046



544C52



94006D



14000F

Previews

White Background



This preview shows how the Hex color 468EA8 looks on a white background.

Color Contrast Check

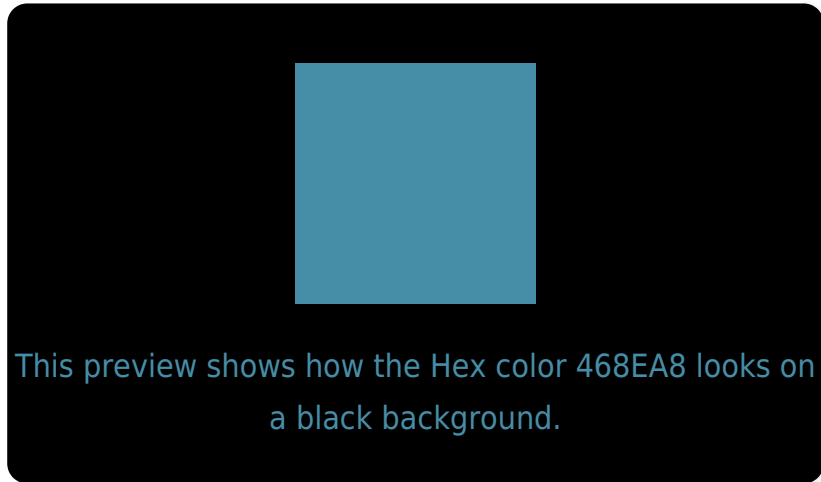
Large Text (above 18pt) WCAG AA ✓ Pass

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

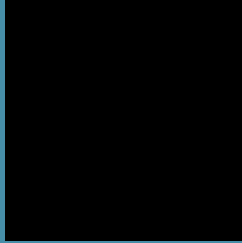
Any Text WCAG AA ✓ Pass

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 468EA8 Background



This preview shows how black text looks on a background with the Hex color 468EA8.

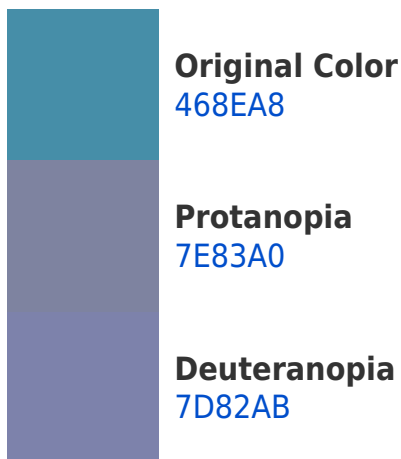


This preview shows how white text looks on a background with the Hex color 468EA8.

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](#).

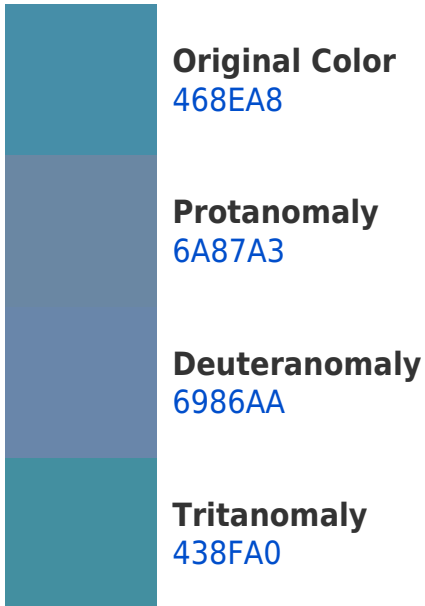
Dichromacy





Tritanopia
41909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 468EA8 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 #468EA8 looks like.

```
.text, #text, p{  
    color:#468EA8  
}
```

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 #468EA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468EA8  
}
```

Border

The CSS property to change the border of an element to Hex 468EA8 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  
#468EA8 }
```

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

```
.border{ border-color:#468EA8 }
```

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

Here you see how a box with a 4 pixel #468EA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468EA8; -webkit-box-shadow:4px 4px  
4px 4px #468EA8; box-shadow:4px 4px 4px  
4px #468EA8 }
```

Background

The CSS property to change the background color of an element to Hex 468EA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468EA8 }
```

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

```
.background{ background-color:#468EA8 }
```

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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