

Converting Colors

Hex(408C99)

Have a look what the booklet for
Hex(408C99) contains.

Hex(408C99)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(408C99)

Conversions

Conversions Part 1

Format	Color
Hex	408C99
RGB	64, 140, 153
RGB Percent	25%, 55%, 60%
CMY	0.7490, 0.4510, 0.4000
CMYK	0.58, 0.08, 0.00, 0.40
HSL	189°, 41%, 43%
HSV	189°, 58%, 60%
XYZ	17.2422, 22.1461, 33.5028
YIQ	118.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

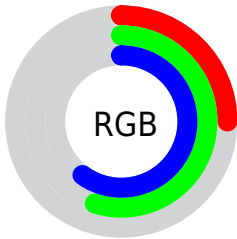
Format	Color
RYB	64, 105, 153
Decimal	4230297
CIELab	54.18, -19.46, -14.02
CIElCh	54, 23.986, 215.765
Yxy	22.1461, 0.2365, 0.3038
Android (android.graphics.Color)	4282420377 (0xFF408C99)
YUV	118.7580, 16.8813, -48.0228
Hunter-Lab	47.0596, -16.9536, -9.2682

Details

The Hex color **408C99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **994D40**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **78C2CF**, and **005A66** is the 20% darker color. If you saturate the color by 10%, you get **318A99**, and if you desaturate by 10%, it is **4F8E99**.

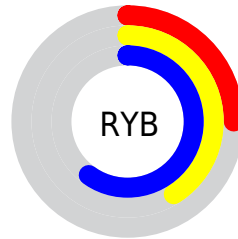
Distribution



Red (25%)

Green (55%)

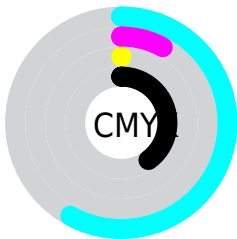
Blue (60%)



Red (25%)

Yellow (41%)

Blue (60%)

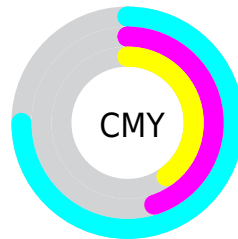


Cyan (58%)

Magenta (8%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408C99 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 408C99 by changing the saturation by 10% instead.

 408C99

 408C99

FFFFFF

 21727F

 78C2CF

 005A66

 94DEEC

 00424E

 B0FAFF

 002C37

 CDFFFF

 001822


 EAFFFF

 00000A

 000000

 408C99

 408C99

 318A99

 4F8E99

■ 218899

■ 5F9099

■ 128599

■ 6E9399

■ 038399

■ 7D9599

■ 008399

■ 8C9799

■ 9C9999

■ AB9C99

■ BA9E99

■ CAA099

Harmonies

Analogous

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



488D85



408C99



5088A7

Triad

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



408C99



9F7593



8C8258

Complementary

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



408C99



994D40

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.



9F7B5C



408C99



AA727E

Square

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



408C99



8A7BA3



A9756A



76885F

Rectangle

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



408C99



6284AA



A9756A



937F58

Sweetspot

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



408C99



A5C2C7



40994C



506163



E3E3E3



636363

Same Dimension

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



408C99



3CB3C7



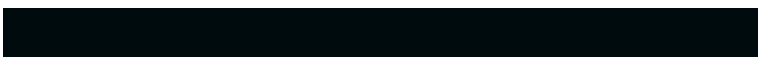
406199



454B4D



00788C



000B0D

Inverse Universe

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



99408C



C73CB3



997840



4D454B



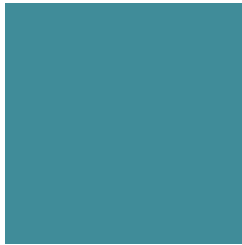
8C0078



0D000B

Previews

White Background



This preview shows how the Hex color 408C99 looks on a white background.

Color Contrast Check

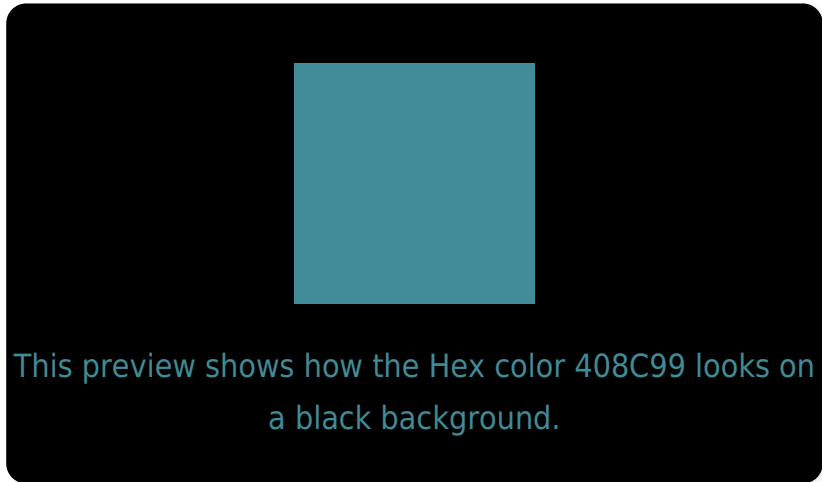
Large Text (above 18pt) WCAG AA ✓ Pass

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

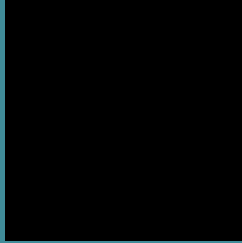
Any Text WCAG AA ✓ Pass

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 408C99 Background



This preview shows how black text looks on a background with the Hex color 408C99.

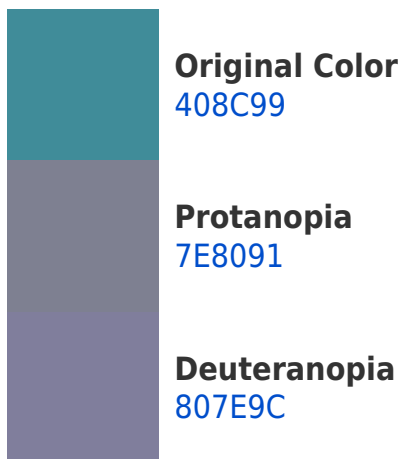


This preview shows how white text looks on a background with the Hex color 408C99.

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



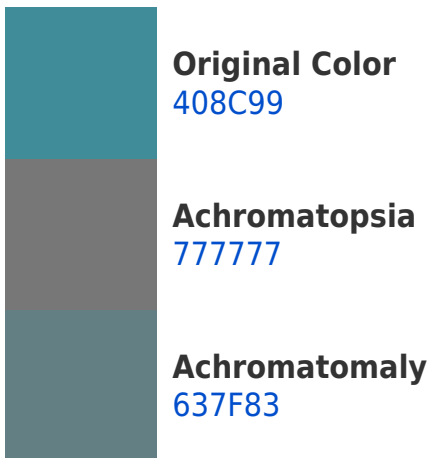


Tritanopia
3F8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408C99 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 #408C99 looks like.

```
.text, #text, p{  
    color:#408C99  
}
```

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 #408C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408C99
}
```

Border

The CSS property to change the border of an element to Hex 408C99 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
#408C99 }
```

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

```
.border{ border-color:#408C99 }
```

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

Here you see how a box with a 4 pixel #408C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408C99; -webkit-box-shadow:4px 4px  
4px 4px #408C99; box-shadow:4px 4px 4px  
4px #408C99 }
```

Background

The CSS property to change the background color of an element to Hex 408C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408C99 }
```

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

```
.background{ background-color:#408C99 }
```

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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