

Converting Colors

Hex(408BAA)

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

Hex(408BAA)	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(408BAA)

Conversions

Conversions Part 1

Format	Color
Hex	408BAA
RGB	64, 139, 170
RGB Percent	25%, 55%, 67%
CMY	0.7490, 0.4549, 0.3333
CMYK	0.62, 0.18, 0.00, 0.33
HSL	198°, 45%, 46%
HSV	198°, 62%, 67%
XYZ	18.6027, 22.4575, 41.3845
YIQ	120.1090, -54.6510, -6.2590

Conversions

Conversions Part 2

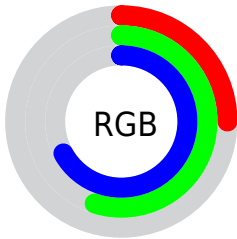
Format	Color
RYB	64, 108, 170
Decimal	4230058
CIELab	54.51, -13.62, -23.31
CIELCh	55, 26.993, 239.703
Yxy	22.4575, 0.2256, 0.2724
Android (android.graphics.Color)	4282420138 (0xFF408BAA)
YUV	120.1090, 24.5963, -49.2076
Hunter-Lab	47.3894, -12.8613, -18.6046

Details

The Hex color **408BAA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AA5F40**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **7AC1E1**, and **005976** is the 20% darker color. If you saturate the color by 10%, you get **2F86AA**, and if you desaturate by 10%, it is **5190AA**.

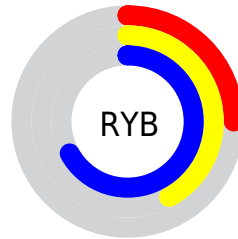
Distribution



Red (25%)

Green (55%)

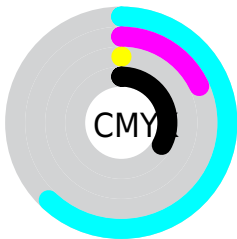
Blue (67%)



Red (25%)

Yellow (42%)

Blue (67%)

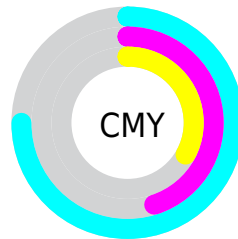


Cyan (62%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

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

■ 408BAA

■ 408BAA

FFFFFF

■ 1E728F

■ 7AC1E1

■ 005976

■ 96DCFE

■ 00425D

■ B3F9FF

■ 002B45

■ D0FFFF

■ 00182F

■ EDFFFF

■ 00011A

■ 000000

■ 408BAA

■ 408BAA

■ 2F86AA

■ 5190AA

■ 1E81AA

■ 6295AA

■ 0D7CAA

■ 739AAA

■ 0078AA

■ 849FAA

■ 95A4AA

■ A6A9AA

■ B7AEAA

■ C8B3AA

■ D9B8AA

Harmonies

Analogous

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



328F99



408BAA



6285B1

Triad

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



408BAA



AE7184



7A8859

Complementary

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



408BAA



AA5F40

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.



938154



408BAA



B0736C

Square

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



408BAA



A0759A



A6795B



5F8D6A

Rectangle

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



408BAA



7A7FAE



A6795B



838656

Sweetspot

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



408BAA



B4D2DE



40AA5E



566970



F0F0F0



707070

Same Dimension

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



408BAA



37ADDE



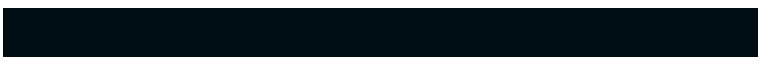
4057AA



4C5254



006994



000E14

Inverse Universe

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



AA408B



DE37AD



AA9340



544C52



940069



14000E

Previews

White Background



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

Color Contrast Check

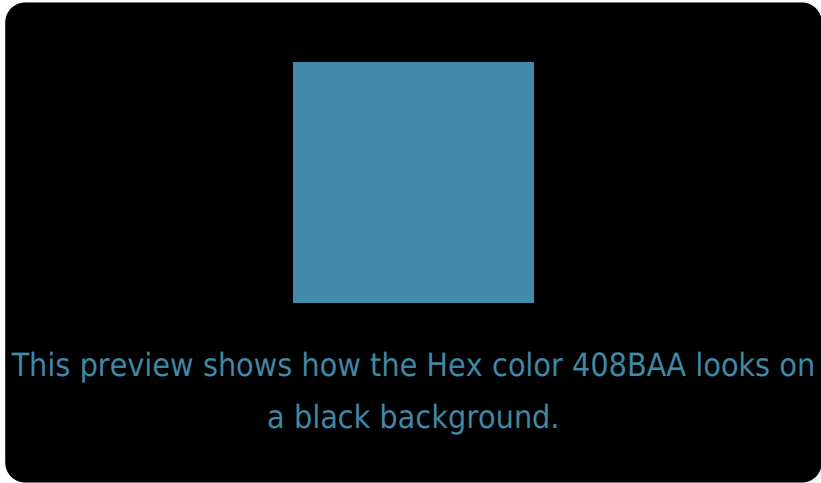
Large Text (above 18pt) WCAG AA ✓ Pass

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

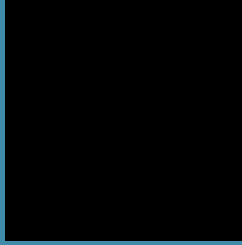
Any Text WCAG AA ✓ Pass

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 408BAA Background



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

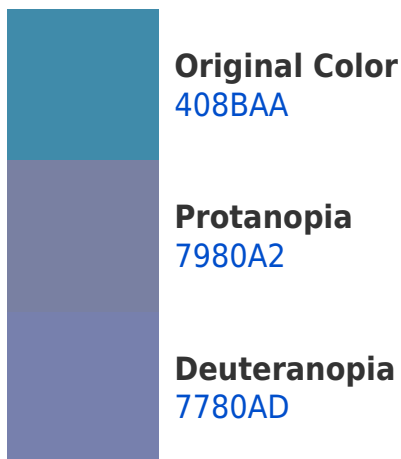


This preview shows how white text looks on a background with the Hex color 408BAA.

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](#).

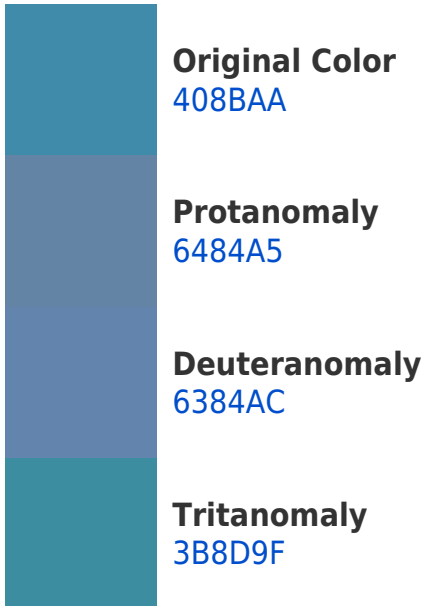
Dichromacy



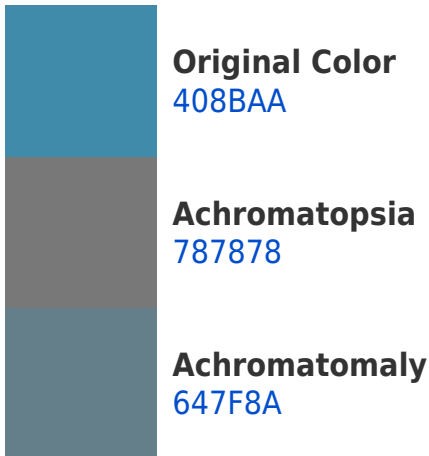


Tritanopia
388E99

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #408BAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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