

Converting Colors

Hex(408DA7)

Have a look what the booklet for
Hex(408DA7) contains.

Hex(408DA7)	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(408DA7)

Conversions

Conversions Part 1

Format	Color
Hex	408DA7
RGB	64, 141, 167
RGB Percent	25%, 55%, 65%
CMY	0.7490, 0.4471, 0.3451
CMYK	0.62, 0.16, 0.00, 0.35
HSL	195°, 45%, 45%
HSV	195°, 62%, 65%
XYZ	18.6143, 22.9298, 40.0040
YIQ	120.9410, -54.2380, -8.2380

Conversions

Conversions Part 2

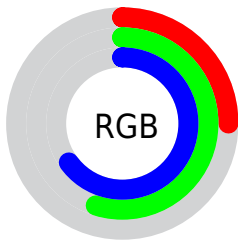
Format	Color
R _Y B	64, 108, 167
Decimal	4230567
CIE Lab	55.00, -15.67, -20.83
CIE LCh	55, 26.068, 233.043
Yxy	22.9298, 0.2283, 0.2812
Android (android.graphics.Color)	4282420647 (0xFF408DA7)
YUV	120.9410, 22.7071, -49.9373
Hunter-Lab	47.8850, -14.4108, -16.0124

Details

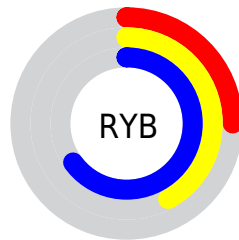
The Hex color **408DA7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A75A40**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **79C3DE**, and **005B73** is the 20% darker color. If you saturate the color by 10%, you get **2F89A7**, and if you desaturate by 10%, it is **5191A7**.

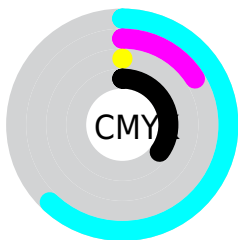
Distribution



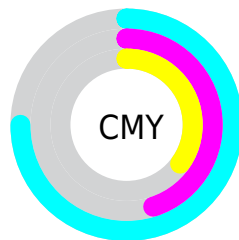
- Red (25%)
- Green (55%)
- Blue (65%)



- Red (25%)
- Yellow (42%)
- Blue (65%)



- Cyan (62%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 408DA7 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 408DA7 by changing the saturation by 10% instead.

408DA7

408DA7

FFFFFF

1E738D

79C3DE

005B73

96DFFB

00435A

B2FBFF

002D43

CFFFFFF

001A2C

EDFFFF

000118

000000

408DA7

408DA7

2F89A7

5191A7

■ 1F85A7

■ 6195A7

■ 0E80A7

■ 729AA7

■ 007DA7

■ 839EA7

■ 93A2A7

■ A4A6A7

■ B5ABA7

■ C6AFA7

■ D6B3A7

Harmonies

Analogous

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



3A9094



408DA7



5E87B0

Triad

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



408DA7



AC738A



81885A

Complementary

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



408DA7



A75A40

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.



988057



408DA7



B17473

Square

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



408DA7



9B789F



A97960



678D68

Rectangle

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



408DA7



7482AF



A97960



898557

Sweetspot

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



408DA7



B0CED9



40A75A



54676E



EDEDED



6E6E6E

Same Dimension

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



408DA7



38B0D9



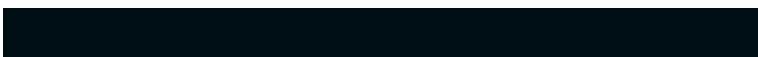
405AA7



4C5254



006F94



000F14

Inverse Universe

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



A7408D



D938B0



A78D40



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 408DA7 looks on a white background.

Color Contrast Check

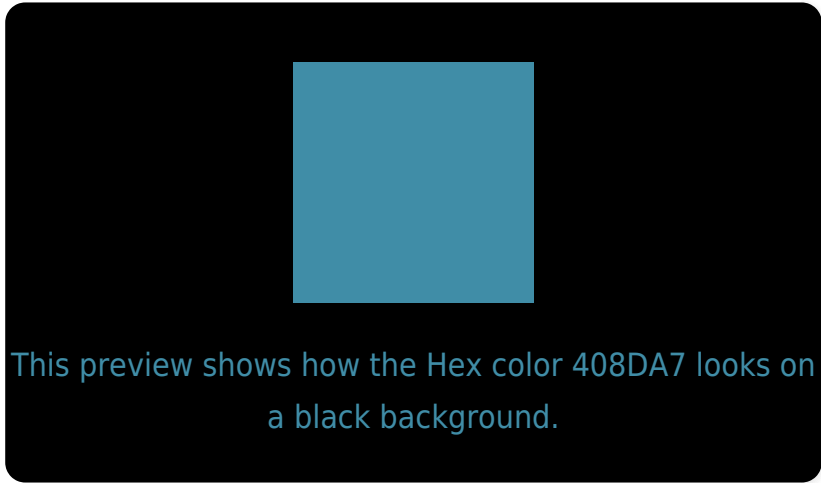
Large Text (above 18pt) WCAG AA ✓ Pass

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

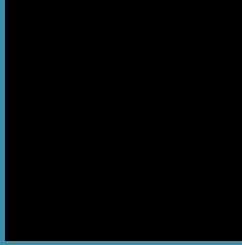
Any Text WCAG AA ✓ Pass

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 408DA7 Background



This preview shows how black text looks on a background with the Hex color 408DA7.

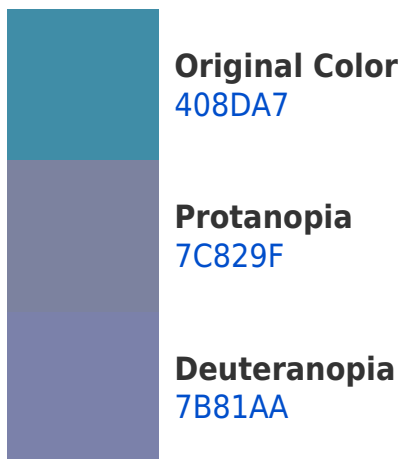


This preview shows how white text looks on a background with the Hex color 408DA7.

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](#).

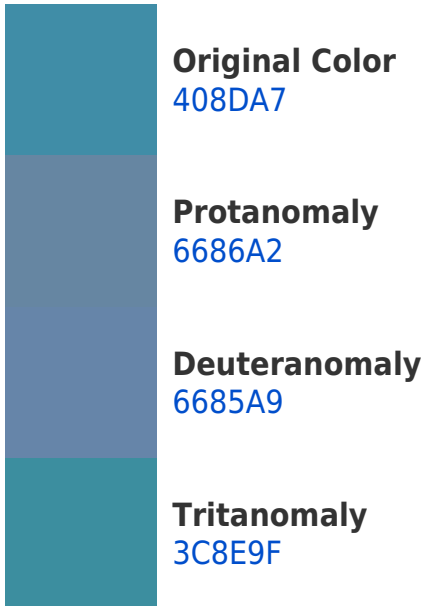
Dichromacy





Tritanopia
3A8F9B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 408DA7 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 #408DA7 looks like.

```
.text, #text, p{  
    color:#408DA7  
}
```

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 #408DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #408DA7  
}
```

Border

The CSS property to change the border of an element to Hex 408DA7 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  
#408DA7 }
```

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

```
.border{ border-color:#408DA7 }
```

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

Here you see how a box with a 4 pixel #408DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #408DA7; -webkit-box-shadow:4px 4px  
4px 4px #408DA7; box-shadow:4px 4px 4px  
4px #408DA7 }
```

Background

The CSS property to change the background color of an element to Hex 408DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#408DA7 }
```

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

```
.background{ background-color:#408DA7 }
```

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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