

Converting Colors

Hex(407D9C)

Have a look what the booklet for
Hex(407D9C) contains.

Hex(407D9C)	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(407D9C)

Conversions

Conversions Part 1

Format	Color
Hex	407D9C
RGB	64, 125, 156
RGB Percent	25%, 49%, 61%
CMY	0.7490, 0.5098, 0.3882
CMYK	0.59, 0.20, 0.00, 0.39
HSL	200°, 42%, 43%
HSV	200°, 59%, 61%
XYZ	15.4487, 18.1575, 34.1430
YIQ	110.2950, -46.3070, -3.2910

Conversions

Conversions Part 2

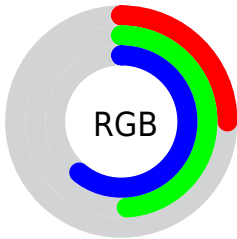
Format	Color
R_{YB}	64, 101, 156
Decimal	4226460
CIE _{Lab}	49.69, -10.26, -22.62
CIE _{LCh}	50, 24.842, 245.600
Yxy	18.1575, 0.2280, 0.2680
Android (android.graphics.Color)	4282416540 (0xFF407D9C)
YUV	110.2950, 22.5326, -40.6007
Hunter-Lab	42.6116, -9.8558, -17.6786

Details

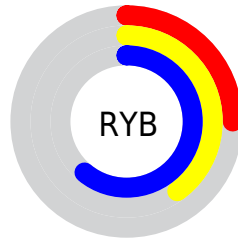
The Hex color **407D9C** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9C5F40**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **77B2D3**, and **004C69** is the 20% darker color. If you saturate the color by 10%, you get **30789C**, and if you desaturate by 10%, it is **50829C**.

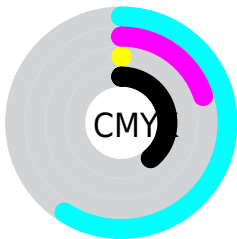
Distribution



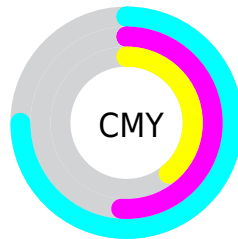
- Red (25%)
- Green (49%)
- Blue (61%)



- Red (25%)
- Yellow (40%)
- Blue (61%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 407D9C 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 407D9C by changing the saturation by 10% instead.

■ 407D9C

■ 407D9C

FFFFFF

■ 216482

■ 77B2D3

■ 004C69

■ 93CDEF

■ 003550

■ AFE9FF

■ 002039

■ CCFFFF

■ 000224

■ E9FFFF

■ 00000C

■ 000000

■ 407D9C

■ 407D9C

■ 30789C

■ 50829C

■ 21729C

■ 5F889C

■ 116D9C

■ 6F8D9C

■ 02689C

■ 7E929C

■ 00679C

■ 8E979C

■ 9E9D9C

■ ADA29C

■ BDA79C

■ CCAC9C

Harmonies

Analogous

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



2E818E



407D9C



6077A0

Triad

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



407D9C



9F6673



6A7C53

Complementary

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



407D9C



9C5F40

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.



81764C



407D9C



9E695F

Square

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



407D9C



946988



936F50



518064

Rectangle

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



407D9C



75729C



936F50



727A50

Sweetspot

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



407D9C



A7C0CC



409C5F



505E66



E6E6E6



666666

Same Dimension

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



407D9C



3B9BCC



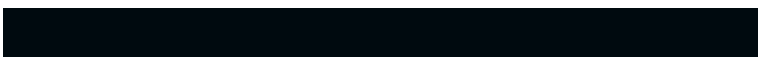
404F9C



474C4F



005F8F



000A0F

Inverse Universe

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



9C407D



CC3B9B



9C8D40



4F474C



8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 407D9C looks on a white background.

Color Contrast Check

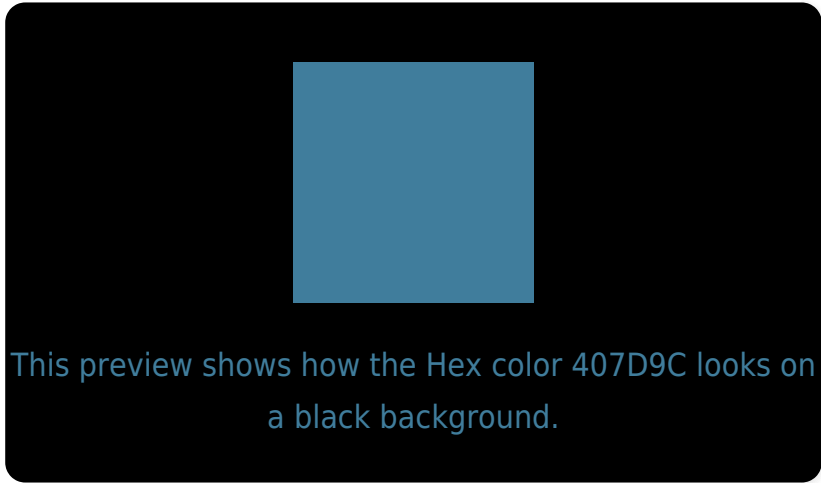
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

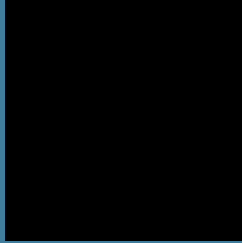
Any Text WCAG AA ✓ Pass

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 407D9C Background



This preview shows how black text looks on a background with the Hex color 407D9C.



This preview shows how white text looks on a background with the Hex color 407D9C.

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](#).

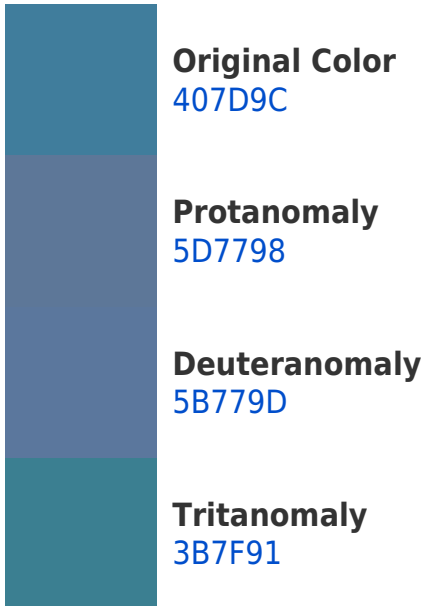
Dichromacy





Tritanopia
38808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 407D9C 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 #407D9C looks like.

```
.text, #text, p{  
    color:#407D9C  
}
```

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 #407D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #407D9C
}
```

Border

The CSS property to change the border of an element to Hex 407D9C 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
#407D9C }
```

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

```
.border{ border-color:#407D9C }
```

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

Here you see how a box with a 4 pixel #407D9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #407D9C; -webkit-box-shadow:4px 4px  
4px 4px #407D9C; box-shadow:4px 4px 4px  
4px #407D9C }
```

Background

The CSS property to change the background color of an element to Hex 407D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#407D9C }
```

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

```
.background{ background-color:#407D9C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor