

Converting Colors

Hex(406F9C)

Have a look what the booklet for
Hex(406F9C) contains.

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Color

Hex(406F9C)

Conversions

Conversions Part 1

Format	Color
Hex	406F9C
RGB	64, 111, 156
RGB Percent	25%, 44%, 61%
CMY	0.7490, 0.5647, 0.3882
CMYK	0.59, 0.29, 0.00, 0.39
HSL	209°, 42%, 43%
HSV	209°, 59%, 61%
XYZ	13.7995, 14.8592, 33.5933
YIQ	102.0770, -42.4570, 4.0310

Conversions

Conversions Part 2

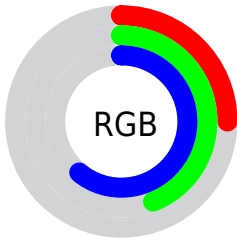
Format	Color
R _Y B	64, 95, 156
Decimal	4222876
CIE Lab	45.44, -2.04, -29.21
CIE LCh	45, 29.282, 266.008
Yxy	14.8592, 0.2217, 0.2387
Android (android.graphics.Color)	4282412956 (0xFF406F9C)
YUV	102.0770, 26.5840, -33.3935
Hunter-Lab	38.5476, -3.5576, -24.6865

Details

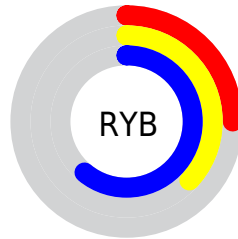
The Hex color **406F9C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C6D40**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **77A2D3**, and **004068** is the 20% darker color. If you saturate the color by 10%, you get **30679C**, and if you desaturate by 10%, it is **50779C**.

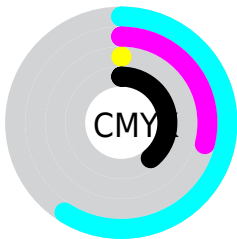
Distribution



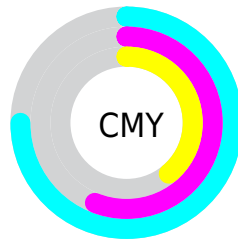
- Red (25%)
- Green (44%)
- Blue (61%)



- Red (25%)
- Yellow (37%)
- Blue (61%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406F9C 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 406F9C by changing the saturation by 10% instead.

■ 406F9C

■ 406F9C

FFFFFF

■ 225782

■ 77A2D3

■ 004068

■ 93BDEF

■ 002A50

■ AFD9FF

■ 001639

■ CBF6FF

■ 000223

■ E8FFFF

■ 00000A

■ 000000

■ 406F9C

■ 406F9C

■ 30679C

■ 50779C

■ 21609C

■ 5F7E9C

■ 11589C

■ 6F869C

■ 02509C

■ 7E8E9C

■ 00509C

■ 8E959C

■ 9E9D9C

■ ADA49C

■ BDAC9C

■ CCB49C

Harmonies

Analogous

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



007593



406F9C



696697

Triad

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



406F9C



9A5A57



49764F

Complementary

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



406F9C



9C6D40

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.



66713F



406F9C



916044

Square

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



406F9C



985870



7E693A



247867

Rectangle

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



406F9C



7F608E



7E693A



537449

Sweetspot

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



406F9C



A7BACC



409C6C



505B66



E6E6E6



666666

Same Dimension

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



406F9C



3B85CC



40429C



474B4F



00498F



00080F

Inverse Universe

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



9C406F



CC3B85



9C9A40



4F474B



8F0049



0F0008

Previews

White Background



This preview shows how the Hex color 406F9C looks on a white background.

Color Contrast Check

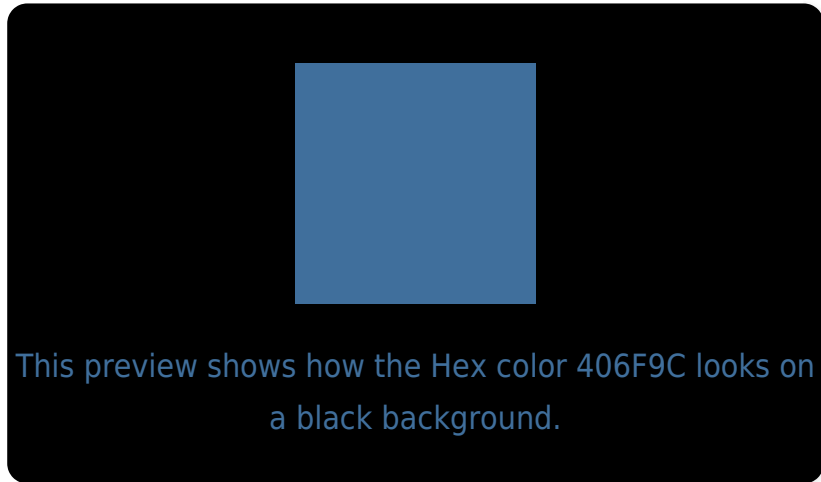
Large Text (above 18pt) WCAG AA ✓ Pass

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

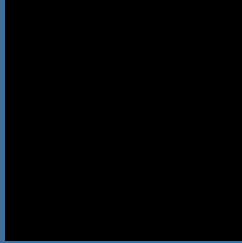
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 406F9C Background



This preview shows how black text looks on a background with the Hex color 406F9C.

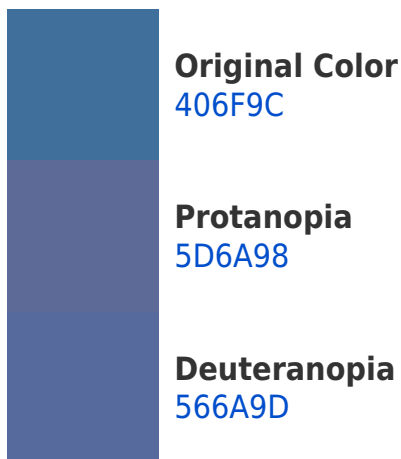


This preview shows how white text looks on a background with the Hex color 406F9C.

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](#).

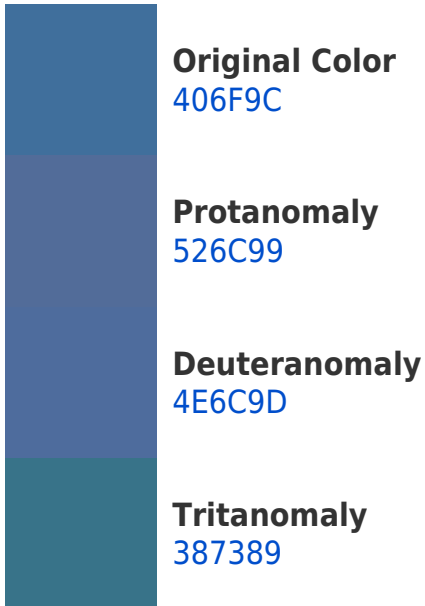
Dichromacy



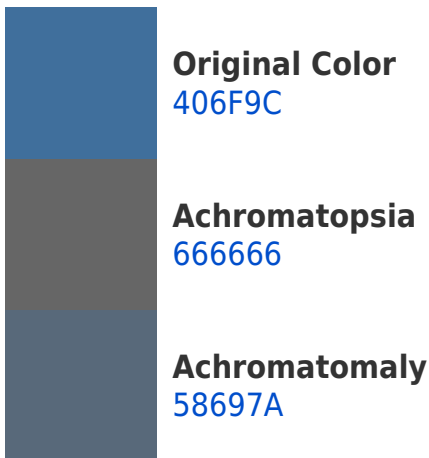


Tritanopia
33757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 406F9C 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 #406F9C looks like.

```
.text, #text, p{  
    color:#406F9C  
}
```

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 #406F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406F9C
}
```

Border

The CSS property to change the border of an element to Hex 406F9C 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
#406F9C }
```

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

```
.border{ border-color:#406F9C }
```

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

Here you see how a box with a 4 pixel #406F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406F9C; -webkit-box-shadow:4px 4px  
4px 4px #406F9C; box-shadow:4px 4px 4px  
4px #406F9C }
```

Background

The CSS property to change the background color of an element to Hex 406F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406F9C }
```

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

```
.background{ background-color:#406F9C }
```

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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