

Converting Colors

Hex(406B97)

Have a look what the booklet for
Hex(406B97) contains.

Hex(406B97)	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(406B97)

Conversions

Conversions Part 1

Format	Color
Hex	406B97
RGB	64, 107, 151
RGB Percent	25%, 42%, 59%
CMY	0.7490, 0.5804, 0.4078
CMYK	0.58, 0.29, 0.00, 0.41
HSL	210°, 40%, 42%
HSV	210°, 58%, 59%
XYZ	12.9580, 13.8397, 31.2665
YIQ	99.1590, -39.7520, 4.5680

Conversions

Conversions Part 2

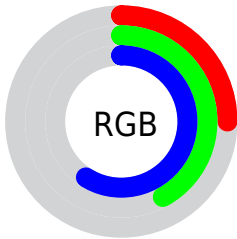
Format	Color
R _Y B	64, 93, 151
Decimal	4221847
CIE Lab	44.00, -1.29, -28.50
CIE LCh	44, 28.525, 267.402
Yxy	13.8397, 0.2232, 0.2384
Android (android.graphics.Color)	4282411927 (0xFF406B97)
YUV	99.1590, 25.5576, -30.8344
Hunter-Lab	37.2018, -2.9289, -23.7895

Details

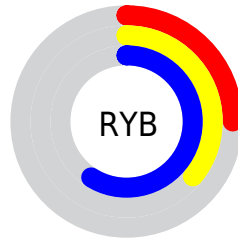
The Hex color **406B97** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **976C40**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **769ECD**, and **003C64** is the 20% darker color. If you saturate the color by 10%, you get **316397**, and if you desaturate by 10%, it is **4F7397**.

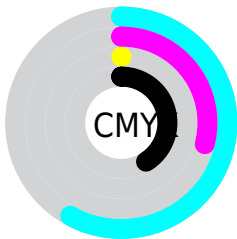
Distribution



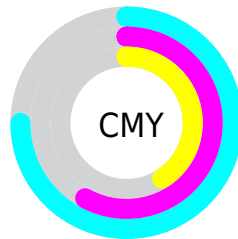
- Red (25%)
- Green (42%)
- Blue (59%)



- Red (25%)
- Yellow (36%)
- Blue (59%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)



- Cyan (75%)
- Magenta (58%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406B97 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 406B97 by changing the saturation by 10% instead.

■ 406B97

■ 406B97

FFFFFF

■ 23537D

■ 769ECD

■ 003C64

■ 92B9EA

■ 00274C

■ ADD5FF

■ 001235

■ CAF1FF

■ 00021F

■ E7FFFF

■ 000002

■ 000000

■ 406B97

■ 406B97

■ 316397

■ 4F7397

■ 225C97

■ 5E7A97

■ 135497

■ 6D8297

■ 044C97

■ 7C8A97

■ 004B97

■ 8B9197

■ 9B9997

■ AAA097

■ B9A897

■ C8B097

Harmonies

Analogous

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



05718F



406B97



676392

Triad

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



406B97



955753



45724E

Complementary

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



406B97



976C40

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.



616D3D



406B97



8B5E41

Square

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



406B97



93556B



796638



217465

Rectangle

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



406B97



7C5D88



796638



4F7147

Sweetspot

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



406B97



A3B3C4



40976C



505963



E3E3E3



636363

Same Dimension

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



406B97



3D80C4



404097



45494D



00458C



00060D

Inverse Universe

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



97406B



C43D80



979740



4D4549



8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 406B97 looks on a white background.

Color Contrast Check

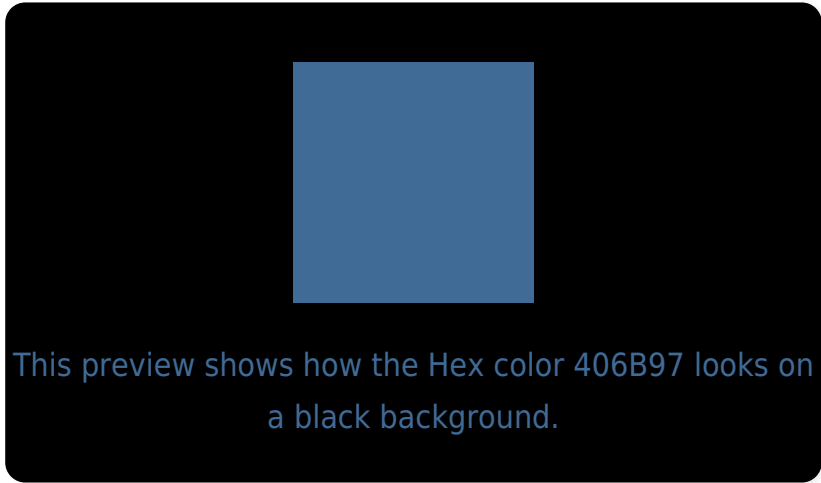
Large Text (above 18pt) WCAG AA ✓ Pass

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

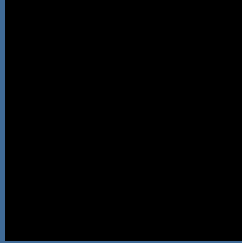
Any Text WCAG AA × Fail

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 406B97 Background



This preview shows how black text looks on a background with the Hex color 406B97.

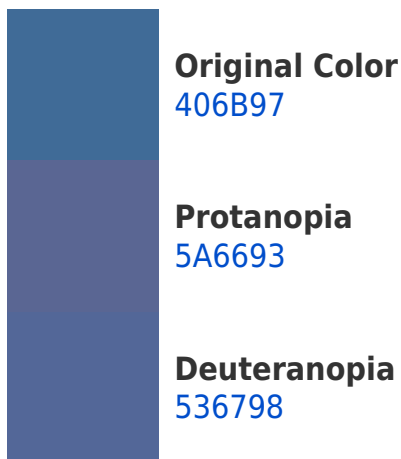


This preview shows how white text looks on a background with the Hex color 406B97.

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
34717A

Trichromacy



Original Color
406B97

Protanomaly
516894

Deuteranomaly
4C6898

Tritanomaly
386F85

Monochromacy



Original Color
406B97

Achromatopsia
636363

Achromatomaly
566676

CSS Examples

Text

The CSS property to change the color of the text to Hex 406B97 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 #406B97 looks like.

```
.text, #text, p{  
    color:#406B97  
}
```

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 #406B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406B97
}
```

Border

The CSS property to change the border of an element to Hex 406B97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

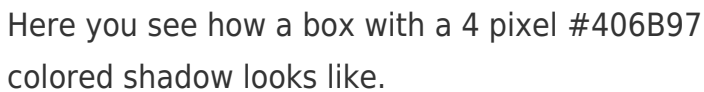
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#406B97 }
```

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

```
.border{ border-color:#406B97 }
```

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



Here you see how a box with a 4 pixel #406B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406B97; -webkit-box-shadow:4px 4px  
4px 4px #406B97; box-shadow:4px 4px 4px  
4px #406B97 }
```

Background

The CSS property to change the background color of an element to Hex 406B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406B97 }
```

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

```
.background{ background-color:#406B97 }
```

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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