

Converting Colors

Hex(406C93)

Have a look what the booklet for
Hex(406C93) contains.

Hex(406C93)	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(406C93)

Conversions

Conversions Part 1

Format	Color
Hex	406C93
RGB	64, 108, 147
RGB Percent	25%, 42%, 58%
CMY	0.7490, 0.5765, 0.4235
CMYK	0.56, 0.27, 0.00, 0.42
HSL	208°, 39%, 41%
HSV	208°, 56%, 58%
XYZ	12.7434, 13.9217, 29.6193
YIQ	99.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

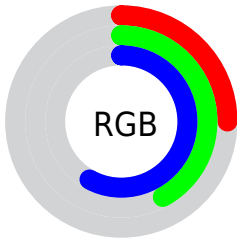
Format	Color
R _Y B	64, 93, 147
Decimal	4222099
CIE Lab	44.12, -3.23, -25.93
CIE LCh	44, 26.134, 262.898
Yxy	13.9217, 0.2264, 0.2473
Android (android.graphics.Color)	4282412179 (0xFF406C93)
YUV	99.2900, 23.5210, -30.9493
Hunter-Lab	37.3118, -4.3312, -20.9480

Details

The Hex color **406C93** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **936740**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **769FC9**, and **003D60** is the 20% darker color. If you saturate the color by 10%, you get **316593**, and if you desaturate by 10%, it is **4F7393**.

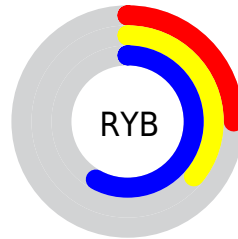
Distribution



Red (25%)

Green (42%)

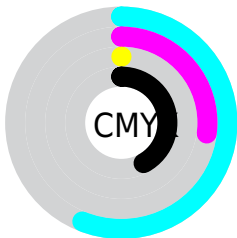
Blue (58%)



Red (25%)

Yellow (36%)

Blue (58%)

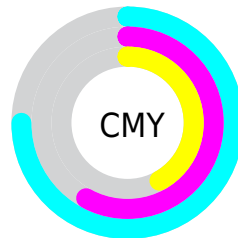


Cyan (56%)

Magenta (27%)

Yellow (0%)

Black (42%)



Cyan (75%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 406C93 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 406C93 by changing the saturation by 10% instead.

■ 406C93

■ 406C93

FFFFFF

■ 245479

■ 769FC9

■ 003D60

■ 91BAE5

■ 002748

■ ADD6FF

■ 001332

■ C9F2FF

■ 00021C

■ E6FFFF

■ 000000

■ 406C93

■ 406C93

■ 316593

■ 4F7393

■ 235E93

■ 5D7A93

■ 145793

■ 6C8193

■ 055093

■ 7B8893

■ 004E93

■ 8A8F93

■ 989593

■ A79C93

■ B6A393

■ C4AA93

Harmonies

Analogous

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



1A718A



406C93



636590

Triad

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



406C93



935859



4D714D

Complementary

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



406C93



936740

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.



666C40



406C93



8B5E46

Square

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



406C93



8F586E



7B653D



307462

Rectangle

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



406C93



775F88



7B653D



557048

Sweetspot

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



406C93



9FB0BF



409367



4E5861



E0E0E0



616161

Same Dimension

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



406C93



3D82BF



404393



43464A



00498A



00050A

Inverse Universe

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



93406C



BF3D82



939040



4A4346



8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 406C93 looks on a white background.

Color Contrast Check

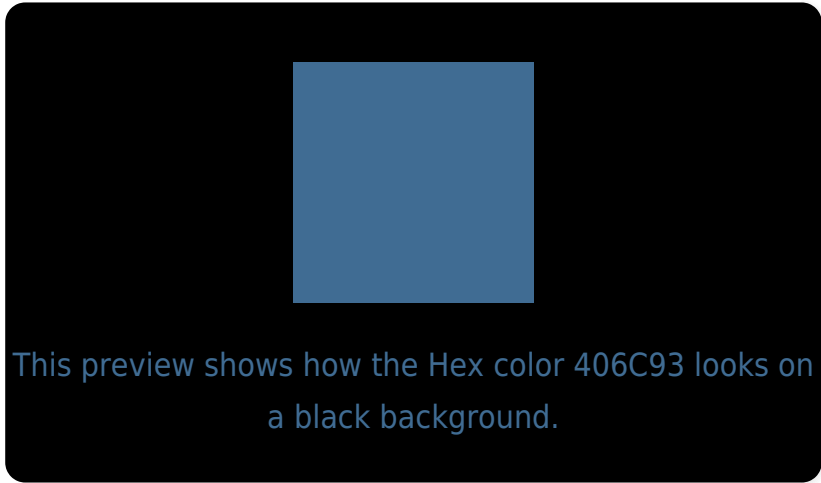
Large Text (above 18pt) WCAG AA ✓ Pass

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

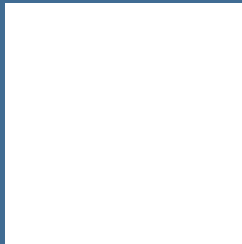
Any Text WCAG AAA × Fail

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

Hex 406C93 Background



This preview shows how black text looks on a background with the Hex color 406C93.

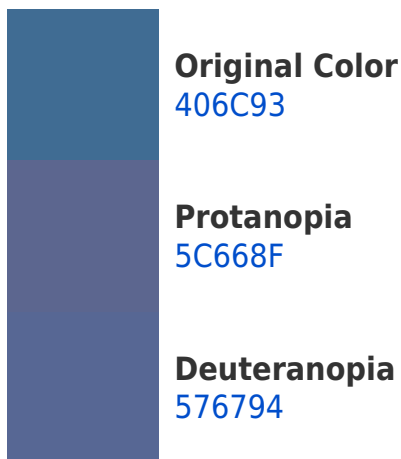


This preview shows how white text looks on a background with the Hex color 406C93.

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
36717A

Trichromacy



Original Color
406C93

Protanomaly
526890

Deuteranomaly
4F6994

Tritanomaly
3A6F83

Monochromacy



Original Color
406C93

Achromatopsia
636363

Achromatomaly
566674

CSS Examples

Text

The CSS property to change the color of the text to Hex 406C93 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 #406C93 looks like.

```
.text, #text, p{  
    color:#406C93  
}
```

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 #406C93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #406C93
}
```

Border

The CSS property to change the border of an element to Hex 406C93 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
#406C93 }
```

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

```
.border{ border-color:#406C93 }
```

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

Here you see how a box with a 4 pixel #406C93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #406C93; -webkit-box-shadow:4px 4px  
4px 4px #406C93; box-shadow:4px 4px 4px  
4px #406C93 }
```

Background

The CSS property to change the background color of an element to Hex 406C93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#406C93 }
```

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

```
.background{ background-color:#406C93 }
```

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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