

Converting Colors

Hex(4A6097)

Have a look what the booklet for
Hex(4A6097) contains.

Hex(4A6097)	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(4A6097)

Conversions

Conversions Part 1

Format	Color
Hex	4A6097
RGB	74, 96, 151
RGB Percent	29%, 38%, 59%
CMY	0.7098, 0.6235, 0.4078
CMYK	0.51, 0.36, 0.00, 0.41
HSL	223°, 34%, 44%
HSV	223°, 51%, 59%
XYZ	12.5928, 12.0560, 30.9415
YIQ	95.6920, -30.7670, 12.4410

Conversions

Conversions Part 2

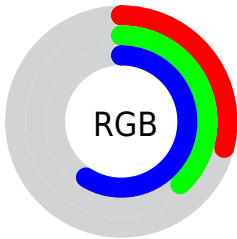
Format	Color
R_{YB}	74, 91, 151
Decimal	4874391
CIE _{Lab}	41.30, 7.89, -32.69
CIE _{LCh}	41, 33.627, 283.575
Yxy	12.0560, 0.2265, 0.2169
Android (android.graphics.Color)	4283064471 (0xFF4A6097)
YUV	95.6920, 27.2668, -19.0239
Hunter-Lab	34.7217, 3.9752, -28.5298

Details

The Hex color **4A6097** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97814A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7F92CE**, and **103264** is the 20% darker color. If you saturate the color by 10%, you get **3B5597**, and if you desaturate by 10%, it is **596B97**.

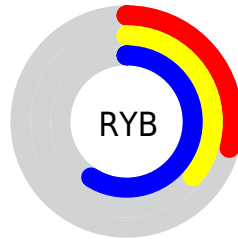
Distribution



Red (29%)

Green (38%)

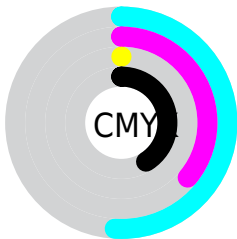
Blue (59%)



Red (29%)

Yellow (36%)

Blue (59%)

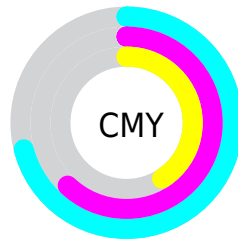


Cyan (51%)

Magenta (36%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6097 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 4A6097 by changing the saturation by 10% instead.

■ 4A6097

■ 4A6097

FFFFFF

■ 2F487D

■ 7F92CE

■ 103264

■ 9AADEA

■ 001E4B

■ B6C8FF

■ 000335

■ D3E4FF

■ 00021F

■ EFFFFFF

■ 000001

■ 000000

■ 4A6097

■ 4A6097

■ 3B5597

■ 596B97

■ 2C4A97

■ 687697

■ 1D4097

■ 778097

■ 0E3597

■ 868B97

■ 002B97

■ 969697

■ A5A197

■ B4AC97

■ C3B697

■ D2C197

Harmonies

Analogous

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



006996



4A6097



74558A

Triad

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



4A6097



90513D



1A6E51

Complementary

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



4A6097



97814A

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.



476B38



4A6097



7F5B2C

Square

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



4A6097



964A56



66642A



006F6D

Rectangle

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



4A6097



864F7A



66642A



2D6D48

Sweetspot

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



4A6097



A7AFC4



4A9780



525763



E3E3E3



636363

Same Dimension

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



4A6097



4D6FC4



594A97



45474D



00288C



00040D

Inverse Universe

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



974A60



C44D6F



88974A



4D4547



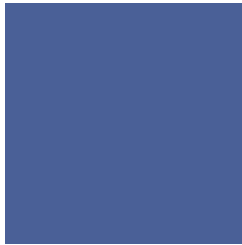
8C0028



0D0004

Previews

White Background



This preview shows how the Hex color 4A6097 looks on a white background.

Color Contrast Check

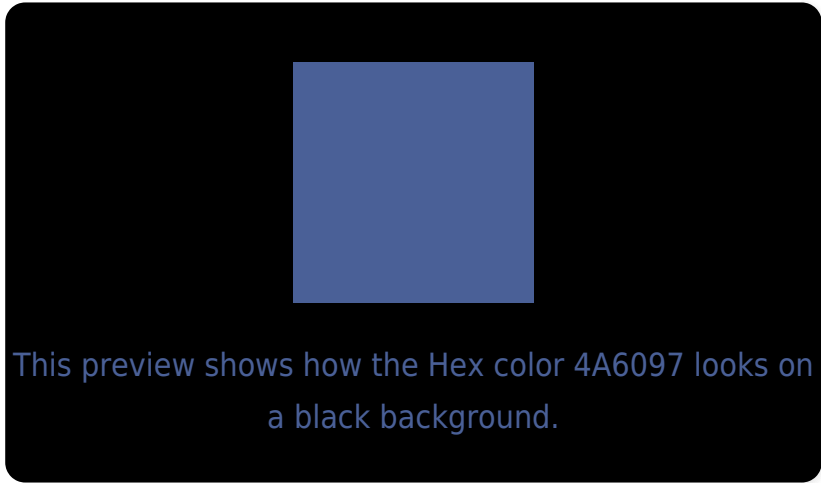
Large Text (above 18pt) WCAG AA ✓ Pass

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

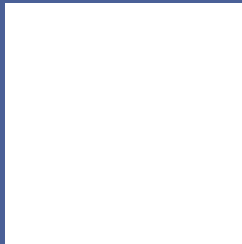
Any Text WCAG AAA × Fail

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

Hex 4A6097 Background



This preview shows how black text looks on a background with the Hex color 4A6097.



This preview shows how white text looks on a background with the Hex color 4A6097.

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



Original Color
4A6097

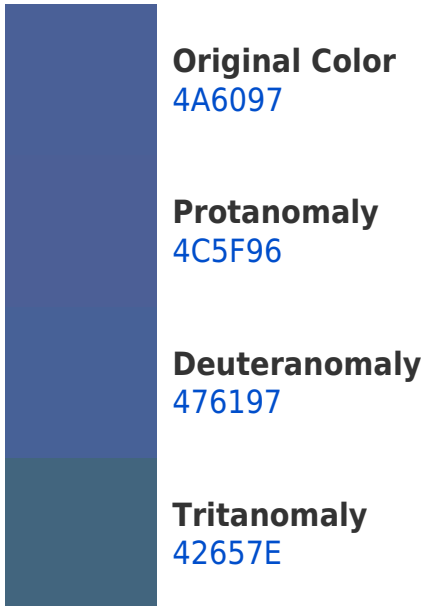
Protanopia
4D5F96

Deuteranopia
456197



Tritanopia
3D6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6097 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 #4A6097 looks like.

```
.text, #text, p{  
    color:#4A6097  
}
```

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 #4A6097 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6097
}
```

Border

The CSS property to change the border of an element to Hex 4A6097 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
#4A6097 }
```

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

```
.border{ border-color:#4A6097 }
```

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

Here you see how a box with a 4 pixel #4A6097 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6097; -webkit-box-shadow:4px 4px  
4px 4px #4A6097; box-shadow:4px 4px 4px  
4px #4A6097 }
```

Background

The CSS property to change the background color of an element to Hex 4A6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6097 }
```

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

```
.background{ background-color:#4A6097 }
```

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