

Converting Colors

Hex(4A6295)

Have a look what the booklet for
Hex(4A6295) contains.

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Color

Hex(4A6295)

Conversions

Conversions Part 1

Format	Color
Hex	4A6295
RGB	74, 98, 149
RGB Percent	29%, 38%, 58%
CMY	0.7098, 0.6157, 0.4157
CMYK	0.50, 0.34, 0.00, 0.42
HSL	221°, 34%, 44%
HSV	221°, 50%, 58%
XYZ	12.6165, 12.3611, 30.1547
YIQ	96.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

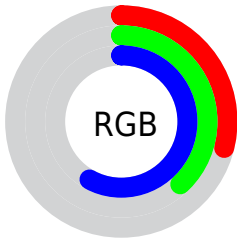
Format	Color
R_{YB}	74, 92, 149
Decimal	4874901
CIE _{Lab}	41.78, 5.99, -30.74
CIE _{LCh}	42, 31.314, 281.021
Yxy	12.3611, 0.2288, 0.2242
Android (android.graphics.Color)	4283064981 (0xFF4A6295)
YUV	96.6380, 25.8145, -19.8535
Hunter-Lab	35.1584, 2.5272, -26.2411

Details

The Hex color **4A6295** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **957D4A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7F94CB**, and **113462** is the 20% darker color. If you saturate the color by 10%, you get **3B5895**, and if you desaturate by 10%, it is **596C95**.

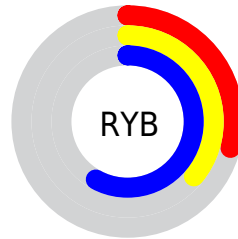
Distribution



Red (29%)

Green (38%)

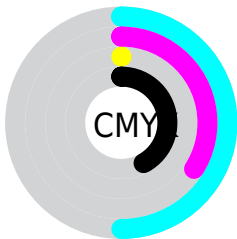
Blue (58%)



Red (29%)

Yellow (36%)

Blue (58%)

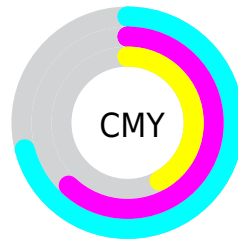


Cyan (50%)

Magenta (34%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6295 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 4A6295 by changing the saturation by 10% instead.

■ 4A6295

■ 4A6295

FFFFFF

■ 2F4A7B

■ 7F94CB

■ 113462

■ 9AAFE8

■ 001F4A

■ B6CAFF

■ 000633

■ D2E6FF

■ 00021D

■ EFFFFFF

■ 000000

■ 4A6295

■ 4A6295

■ 3B5895

■ 596C95

■ 2C4E95

■ 687695

■ 1D4495

■ 778095

■ 0E3995

■ 868B95

■ 003095

■ 959595

■ A39F95

■ B2A995

■ C1B395

■ D0BD95

Harmonies

Analogous

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



006A93



4A6295



71588A

Triad

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



4A6295



8F5242



296F51

Complementary

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



4A6295



957D4A

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.



4D6B3A



4A6295



805B32

Square

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



4A6295



944D5A



69642F



00706C

Rectangle

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



4A6295



83527C



69642F



366E49

Sweetspot

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



4A6295



A5AEC2



4A957C



4F5561



E0E0E0



616161

Same Dimension

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



4A6295



4E73C2



564A95



43454A



002C8A



00030A

Inverse Universe

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



954A62



C24E73



89954A



4A4345



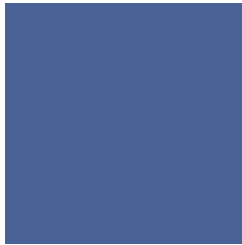
8A002C



0A0003

Previews

White Background



This preview shows how the Hex color 4A6295 looks on a white background.

Color Contrast Check

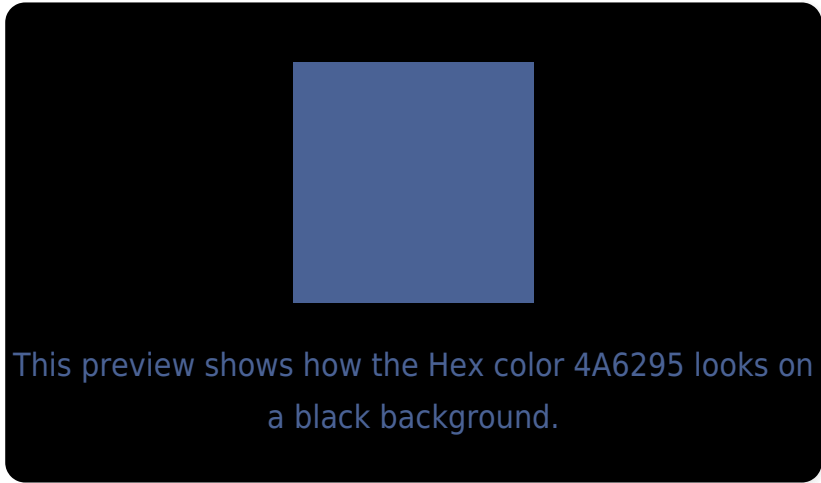
Large Text (above 18pt) WCAG AA ✓ Pass

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

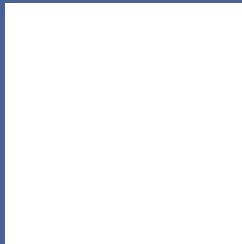
Any Text WCAG AAA × Fail

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

Hex 4A6295 Background



This preview shows how black text looks on a background with the Hex color 4A6295.

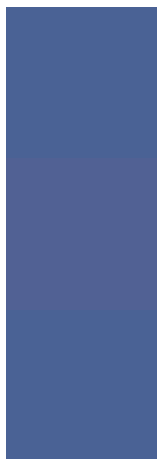


This preview shows how white text looks on a background with the Hex color 4A6295.

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

4A6295

Protanopia

516194

Deuteranopia

4A6295



Tritanopia
3F6972

Trichromacy



Original Color
4A6295

Protanomaly
4E6194

Deuteranomaly
4A6295

Tritanomaly
43667F

Monochromacy



Original Color
4A6295

Achromatopsia
616161

Achromatomaly
596174

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6295 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 #4A6295 looks like.

```
.text, #text, p{  
    color:#4A6295  
}
```

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 #4A6295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6295
}
```

Border

The CSS property to change the border of an element to Hex 4A6295 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
#4A6295 }
```

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

```
.border{ border-color:#4A6295 }
```

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

Here you see how a box with a 4 pixel #4A6295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6295; -webkit-box-shadow:4px 4px  
4px 4px #4A6295; box-shadow:4px 4px 4px  
4px #4A6295 }
```

Background

The CSS property to change the background color of an element to Hex 4A6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6295 }
```

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

```
.background{ background-color:#4A6295 }
```

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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