

Converting Colors

Hex(5A6297)

Have a look what the booklet for
Hex(5A6297) contains.

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Color

Hex(5A6297)

Conversions

Conversions Part 1

Format	Color
Hex	5A6297
RGB	90, 98, 151
RGB Percent	35%, 38%, 59%
CMY	0.6471, 0.6157, 0.4078
CMYK	0.40, 0.35, 0.00, 0.41
HSL	232°, 25%, 47%
HSV	232°, 40%, 59%
XYZ	14.1700, 13.1434, 31.0682
YIQ	101.6500, -21.7810, 14.7870

Conversions

Conversions Part 2

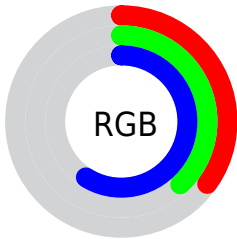
Format	Color
R_{YB}	90, 97, 151
Decimal	5923479
CIE _{Lab}	42.98, 10.91, -29.98
CIE _{LCh}	43, 31.903, 289.988
Yxy	13.1434, 0.2427, 0.2251
Android (android.graphics.Color)	4284113559 (0xFF5A6297)
YUV	101.6500, 24.3296, -10.2170
Hunter-Lab	36.2538, 6.3237, -25.4318

Details

The Hex color **5A6297** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **978F5A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8E95CE**, and **273464** is the 20% darker color. If you saturate the color by 10%, you get **4B5597**, and if you desaturate by 10%, it is **696F97**.

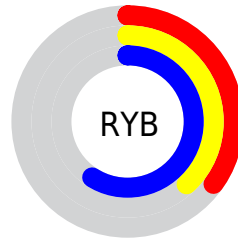
Distribution



Red (35%)

Green (38%)

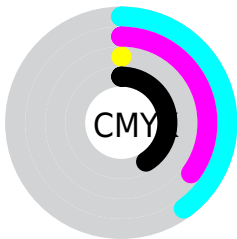
Blue (59%)



Red (35%)

Yellow (38%)

Blue (59%)

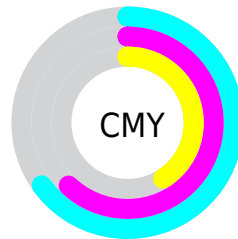


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (41%)



Cyan (65%)

Magenta (62%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A6297 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 5A6297 by changing the saturation by 10% instead.

■ 5A6297

■ 5A6297

FFFFFF

■ 414A7D

■ 8E95CE

■ 273464

■ AAAFEA

■ 0A1F4C

■ C5CAFF

■ 000635

■ E2E7FF

■ 00021F

■ 000002

■ 000000

■ 5A6297

■ 5A6297

■ 4B5597

■ 696F97

■ 3C4897

■ 787C97

■ 2D3B97

■ 878997

■ 1E2E97

■ 969697

■ 0F2097

■ A5A497

■ 001497

■ B5B197

■ C4BE97

■ D3CB97

■ E2D897

Harmonies

Analogous

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



236B99



5A6297



7E5888

Triad

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



5A6297



90573E



1A735B

Complementary

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



5A6297



978F5A

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.



466F42



5A6297



7D6131

Square

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



5A6297



985155



646932



007377

Rectangle

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



5A6297



8D5378



646932



2C7253

Sweetspot

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



5A6297



ADB0C4



5A978F



565763



E3E3E3



636363

Same Dimension

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



5A6297



6672C4



705A97



45464D



00128C



00020D

Inverse Universe

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



975A62



C46672



81975A



4D4546



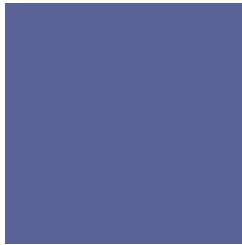
8C0012



0D0002

Previews

White Background



This preview shows how the Hex color 5A6297 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

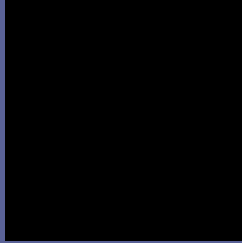
Any Text WCAG AA × Fail

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 5A6297 Background



This preview shows how black text looks on a background with the Hex color 5A6297.



This preview shows how white text looks on a background with the Hex color 5A6297.

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
5A6297

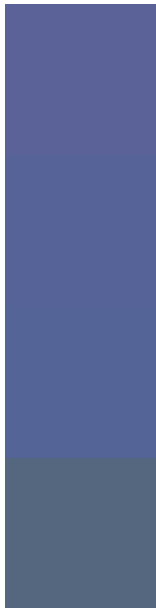
Protanopia
536498

Deuteranopia
506596



Tritanopia
516A72

Trichromacy



Original Color

5A6297

Protanomaly

566398

Deuteranomaly

546496

Tritanomaly

54677F

Monochromacy



Original Color

5A6297

Achromatopsia

666666

Achromatomaly

626578

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6297 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 #5A6297 looks like.

```
.text, #text, p{  
    color:#5A6297  
}
```

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 #5A6297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6297
}
```

Border

The CSS property to change the border of an element to Hex 5A6297 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
#5A6297 }
```

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

```
.border{ border-color:#5A6297 }
```

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

Here you see how a box with a 4 pixel #5A6297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6297; -webkit-box-shadow:4px 4px  
4px 4px #5A6297; box-shadow:4px 4px 4px  
4px #5A6297 }
```

Background

The CSS property to change the background color of an element to Hex 5A6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6297 }
```

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

```
.background{ background-color:#5A6297 }
```

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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