

Converting Colors

Hex(5A4F76)

Have a look what the booklet for
Hex(5A4F76) contains.

Hex(5A4F76)	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(5A4F76)

Conversions

Conversions Part 1

Format	Color
Hex	5A4F76
RGB	90, 79, 118
RGB Percent	35%, 31%, 46%
CMY	0.6471, 0.6902, 0.5373
CMYK	0.24, 0.33, 0.00, 0.54
HSL	257°, 20%, 39%
HSV	257°, 33%, 46%
XYZ	10.2824, 9.0736, 18.3490
YIQ	86.7350, -5.9630, 14.4610

Conversions

Conversions Part 2

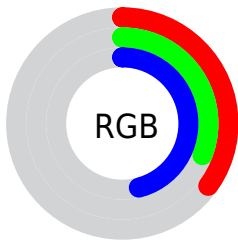
Format	Color
RYB	90, 79, 118
Decimal	5918582
CIELab	36.13, 13.56, -20.60
CIELCh	36, 24.664, 303.366
Yxy	9.0736, 0.2727, 0.2406
Android (android.graphics.Color)	4284108662 (0xFF5A4F76)
YUV	86.7350, 15.4136, 2.8634
Hunter-Lab	30.1225, 8.2175, -15.0305

Details

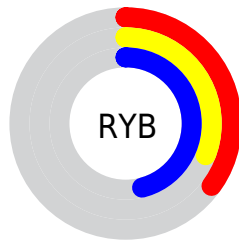
The Hex color **5A4F76** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6B764F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8D80AA**, and **2B2345** is the 20% darker color. If you saturate the color by 10%, you get **524376**, and if you desaturate by 10%, it is **625B76**.

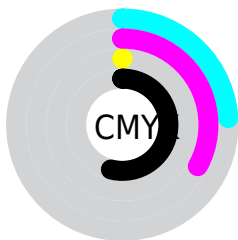
Distribution



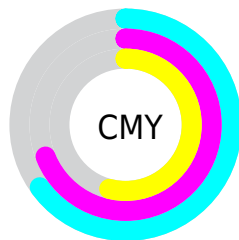
- Red (35%)
- Green (31%)
- Blue (46%)



- Red (35%)
- Yellow (31%)
- Blue (46%)



- Cyan (24%)
- Magenta (33%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (69%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A4F76 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 5A4F76 by changing the saturation by 10% instead.

■ 5A4F76

■ 5A4F76

FFFFFF

■ 42385D

■ 8D80AA

■ 2B2345

■ A79AC6

■ 150E2F

■ C3B5E2

■ 00011A

■ DFD1FE

■ 000000

■ FCEDFF

■ 5A4F76

■ 5A4F76

■ 524376

■ 625B76

■ 493776

■ 6B6776

412C76

737276

382076

7C7E76

301476

848A76

270876

8D9676

210076

95A276

9EAD76

A6B976

Harmonies

Analogous

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



3B567C



5A4F76



704867

Triad

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



5A4F76



704E32



125F57

Complementary

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



5A4F76



6B764F

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.



325E43



5A4F76



60552D

Square

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



5A4F76



7A4840



4B5A33



005F6A

Rectangle

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



5A4F76



78465A



4B5A33



1F5F50

Sweetspot

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



5A4F76



8E8A99



4F6C76



46434D



CCCCCC



4D4D4D

Same Dimension

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



5A4F76



6D5C99



6D4F76



36353B



23007A



4600FA

Inverse Universe

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



764F6B



995C88



58764F



3B3539



7A0058



FA00B3

Previews

White Background



This preview shows how the Hex color 5A4F76 looks on a white background.

Color Contrast Check

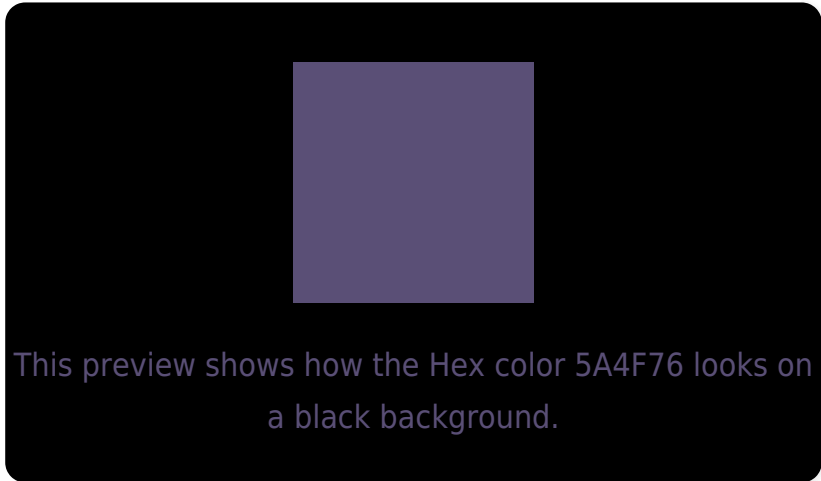
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

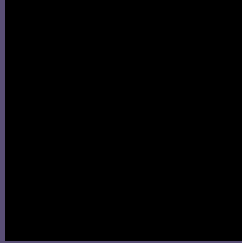
Any Text WCAG AA × Fail

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 5A4F76 Background



This preview shows how black text looks on a background with the Hex color 5A4F76.

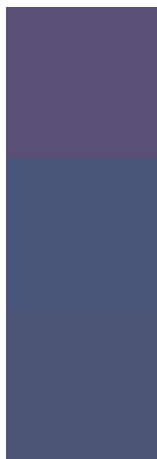


This preview shows how white text looks on a background with the Hex color 5A4F76.

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
5A4F76

Protanopia
49547A

Deuteranopia
4B5475



Tritanopia
55545B

Trichromacy



Original Color
5A4F76

Protanomaly
4F5279

Deuteranomaly
505275

Tritanomaly
575265

Monochromacy



Original Color
5A4F76

Achromatopsia
575757

Achromatomaly
585462

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A4F76 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 #5A4F76 looks like.

```
.text, #text, p{  
    color:#5A4F76  
}
```

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 #5A4F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4F76  
}
```

Border

The CSS property to change the border of an element to Hex 5A4F76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

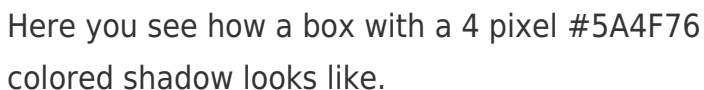
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A4F76 }
```

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

```
.border{ border-color:#5A4F76 }
```

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



Here you see how a box with a 4 pixel #5A4F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4F76; -webkit-box-shadow:4px 4px  
4px 4px #5A4F76; box-shadow:4px 4px 4px  
4px #5A4F76 }
```

Background

The CSS property to change the background color of an element to Hex 5A4F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4F76 }
```

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

```
.background{ background-color:#5A4F76 }
```

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