

Converting Colors

Hex(4A4F81)

Have a look what the booklet for
Hex(4A4F81) contains.

Hex(4A4F81)	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(4A4F81)

Conversions

Conversions Part 1

Format	Color
Hex	4A4F81
RGB	74, 79, 129
RGB Percent	29%, 31%, 51%
CMY	0.7098, 0.6902, 0.4941
CMYK	0.43, 0.39, 0.00, 0.49
HSL	235°, 27%, 40%
HSV	235°, 43%, 51%
XYZ	9.5825, 8.6328, 21.9301
YIQ	83.2050, -19.0300, 14.4900

Conversions

Conversions Part 2

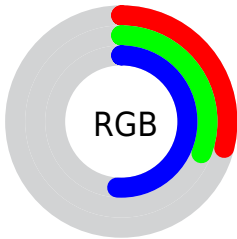
Format	Color
RYB	74, 79, 129
Decimal	4870017
CIELab	35.27, 11.73, -28.84
CIElCh	35, 31.137, 292.132
Yxy	8.6328, 0.2387, 0.2150
Android (android.graphics.Color)	4283060097 (0xFF4A4F81)
YUV	83.2050, 22.5769, -8.0728
Hunter-Lab	29.3816, 6.7979, -23.6863

Details

The Hex color **4A4F81** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **817C4A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7D80B6**, and **18234F** is the 20% darker color. If you saturate the color by 10%, you get **3D4381**, and if you desaturate by 10%, it is **575B81**.

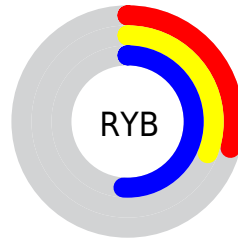
Distribution



 Red (29%)

 Green (31%)

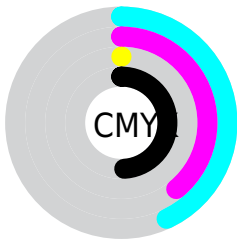
 Blue (51%)




 Red (29%)

 Yellow (31%)

 Blue (51%)

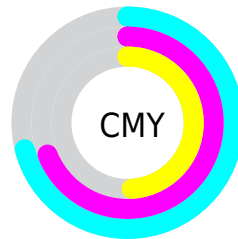


 Cyan (43%)

 Magenta (39%)

 Yellow (0%)

 Black (49%)



 Cyan (71%)

 Magenta (69%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A4F81 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 4A4F81 by changing the saturation by 10% instead.

■ 4A4F81

■ 4A4F81

FFFFFF

■ 313868

■ 7D80B6

■ 18234F

■ 989AD2

■ 000E38

■ B3B5EE

■ 000222

■ CFD0FF

■ 000008

■ ECECFE

■ 000000

■ 4A4F81

■ 4A4F81

■ 3D4381

■ 575B81

■ 303881

■ 646681

■ 232C81

■ 717281

■ 162081

■ 7E7E81

■ 0A1481

■ 8B8A81

■ 000C81

■ 979581

■ A4A181

■ B1AD81

■ BEB981

Harmonies

Analogous

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



0A5884



4A4F81



6B4572

Triad

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



4A4F81



79462C



005F4B

Complementary

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



4A4F81



817C4A

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.



325C33



4A4F81



674F20

Square

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



4A4F81



813F42



4F5723



005F65

Rectangle

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



4A4F81



794063



4F5723



135E43

Sweetspot

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



4A4F81



9294A8



4A817B



474854



D4D4D4



545454

Same Dimension

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



4A4F81



525AA8



604A81



393A40



000C80



000000

Inverse Universe

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



814A4F



A8525A



6B814A



40393A



80000C



000000

Previews

White Background



This preview shows how the Hex color 4A4F81 looks on a white background.

Color Contrast Check

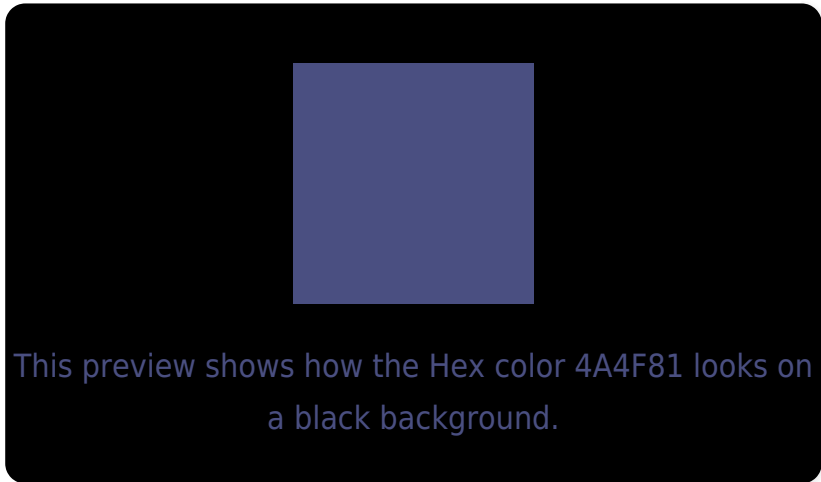
Large Text (above 18pt) WCAG AA ✓ Pass

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

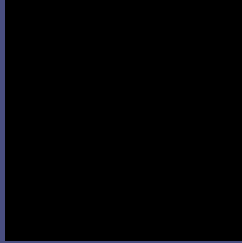
Any Text WCAG AA × Fail

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 4A4F81 Background



This preview shows how black text looks on a background with the Hex color 4A4F81.



This preview shows how white text looks on a background with the Hex color 4A4F81.

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](#).

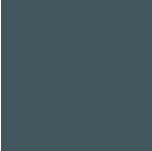
Dichromacy



Original Color
4A4F81

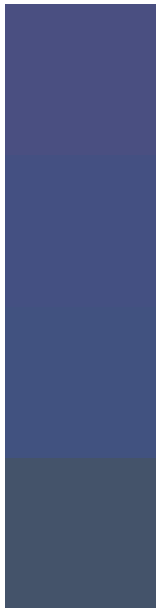
Protanopia
405183

Deuteranopia
3C5380



Tritanopia
41565D

Trichromacy



Original Color

4A4F81

Protanomaly

445082

Deuteranomaly

415280

Tritanomaly

44536A

Monochromacy



Original Color

4A4F81

Achromatopsia

535353

Achromatomaly

505264

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A4F81 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 #4A4F81 looks like.

```
.text, #text, p{  
    color:#4A4F81  
}
```

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 #4A4F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A4F81
}
```

Border

The CSS property to change the border of an element to Hex 4A4F81 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
#4A4F81 }
```

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

```
.border{ border-color:#4A4F81 }
```

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

Here you see how a box with a 4 pixel #4A4F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A4F81; -webkit-box-shadow:4px 4px  
4px 4px #4A4F81; box-shadow:4px 4px 4px  
4px #4A4F81 }
```

Background

The CSS property to change the background color of an element to Hex 4A4F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A4F81 }
```

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

```
.background{ background-color:#4A4F81 }
```

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