

Converting Colors

Hex(4A5C76)

Have a look what the booklet for
Hex(4A5C76) contains.

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Color

Hex(4A5C76)

Conversions

Conversions Part 1

Format	Color
Hex	4A5C76
RGB	74, 92, 118
RGB Percent	29%, 36%, 46%
CMY	0.7098, 0.6392, 0.5373
CMYK	0.37, 0.22, 0.00, 0.54
HSL	215°, 23%, 38%
HSV	215°, 37%, 46%
XYZ	9.9212, 10.4181, 18.6275
YIQ	89.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

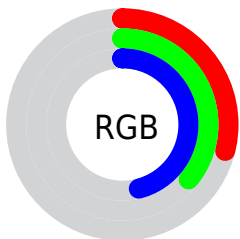
Format	Color
R _Y B	74, 87, 118
Decimal	4873334
CIE Lab	38.58, 0.15, -16.92
CIE LCh	39, 16.920, 270.511
Yxy	10.4181, 0.2546, 0.2674
Android (android.graphics.Color)	4283063414 (0xFF4A5C76)
YUV	89.5820, 14.0101, -13.6654
Hunter-Lab	32.2771, -1.6185, -11.6230

Details

The Hex color **4A5C76** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **76644A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7C8EAA**, and **1B2E46** is the 20% darker color. If you saturate the color by 10%, you get **3E5576**, and if you desaturate by 10%, it is **566376**.

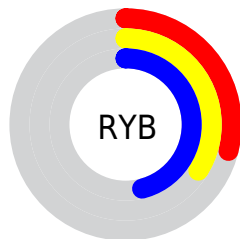
Distribution



Red (29%)

Green (36%)

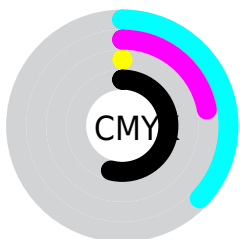
Blue (46%)



Red (29%)

Yellow (34%)

Blue (46%)

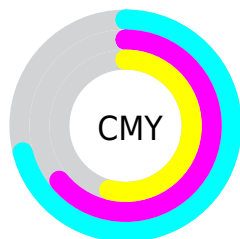


Cyan (37%)

Magenta (22%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5C76 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 4A5C76 by changing the saturation by 10% instead.

■ 4A5C76

■ 4A5C76

FFFFFF

■ 32455D

■ 7C8EAA

■ 1B2E46

■ 96A8C6

■ 021A2F

■ B2C4E2

■ 00011B

■ CDE0FE

■ 000000

■ EAF0FF

■ 4A5C76

■ 4A5C76

■ 3E5576

■ 566376

■ 324E76

■ 626A76

■ 274776

■ 6D7176

■ 1B4076

■ 797876

■ 0F3976

■ 857F76

■ 033276

■ 918676

■ 003076

■ 9D8D76

■ A89476

■ B49B76

Harmonies

Analogous

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



396072



4A5C76



5D5772

Triad

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



4A5C76



76524E



46614D

Complementary

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



4A5C76



76644A

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.



565E43



4A5C76



705543

Square

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



4A5C76



75515B



655A3F



38635B

Rectangle

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



4A5C76



68546C



655A3F



4B6049

Sweetspot

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



4A5C76



888F99



4A7664



43474D



CCCCCC



4D4D4D

Same Dimension

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



4A5C76



547099



4E4A76



35373B



00327A



0066FA

Inverse Universe

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



764A5C



995470



72764A



3B3537



7A0032



FA0066

Previews

White Background



This preview shows how the Hex color 4A5C76 looks on a white background.

Color Contrast Check

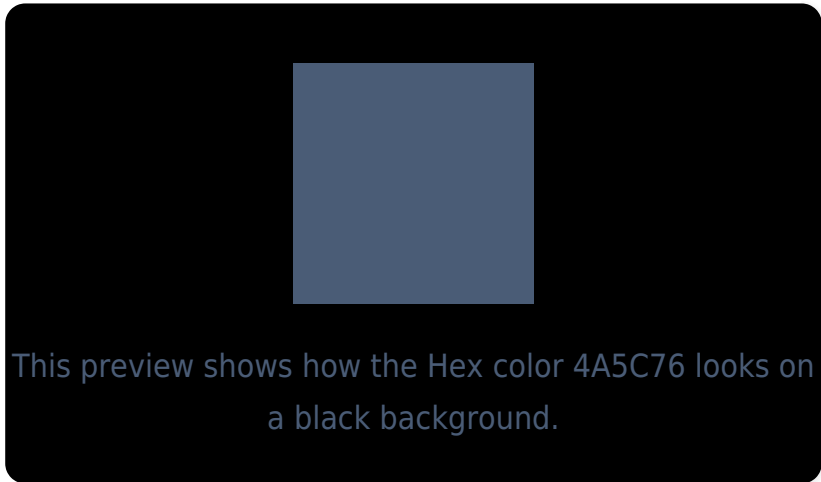
Large Text (above 18pt) WCAG AA ✓ Pass

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

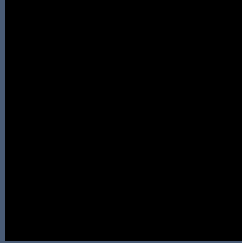
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

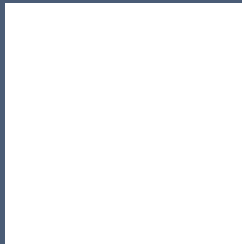
Any Text WCAG AAA × Fail

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

Hex 4A5C76 Background



This preview shows how black text looks on a background with the Hex color 4A5C76.

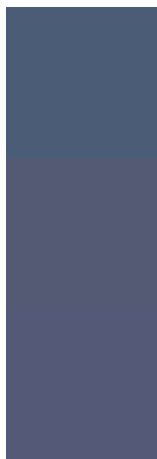


This preview shows how white text looks on a background with the Hex color 4A5C76.

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

4A5C76

Protanopia

545A74

Deuteranopia

545977



Tritanopia
465F66

Trichromacy



Original Color
4A5C76

Protanomaly
505B75

Deuteranomaly
505A77

Tritanomaly
475E6C

Monochromacy



Original Color
4A5C76

Achromatopsia
5A5A5A

Achromatomaly
545B64

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5C76 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 #4A5C76 looks like.

```
.text, #text, p{  
    color:#4A5C76  
}
```

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 #4A5C76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5C76
}
```

Border

The CSS property to change the border of an element to Hex 4A5C76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

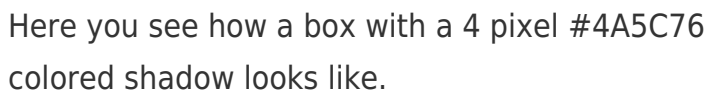
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5C76 }
```

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

```
.border{ border-color:#4A5C76 }
```

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



Here you see how a box with a 4 pixel #4A5C76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5C76; -webkit-box-shadow:4px 4px  
4px 4px #4A5C76; box-shadow:4px 4px 4px  
4px #4A5C76 }
```

Background

The CSS property to change the background color of an element to Hex 4A5C76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5C76 }
```

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

```
.background{ background-color:#4A5C76 }
```

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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