

Converting Colors

Hex(4A5775)

Have a look what the booklet for
Hex(4A5775) contains.

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Color

Hex(4A5775)

Conversions

Conversions Part 1

Format	Color
Hex	4A5775
RGB	74, 87, 117
RGB Percent	29%, 34%, 46%
CMY	0.7098, 0.6588, 0.5412
CMYK	0.37, 0.26, 0.00, 0.54
HSL	222°, 23%, 37%
HSV	222°, 37%, 46%
XYZ	9.4431, 9.5566, 18.1765
YIQ	86.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

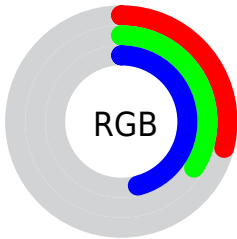
Format	Color
R_{YB}	74, 84, 117
Decimal	4872053
CIE _{Lab}	37.03, 2.98, -18.68
CIE _{LCh}	37, 18.921, 279.061
Yxy	9.5566, 0.2540, 0.2571
Android (android.graphics.Color)	4283062133 (0xFF4A5775)
YUV	86.5330, 15.0202, -10.9914
Hunter-Lab	30.9137, 0.4268, -13.2215

Details

The Hex color **4A5775** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **75684A**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **7C89A9**, and **1B2A45** is the 20% darker color. If you saturate the color by 10%, you get **3E4F75**, and if you desaturate by 10%, it is **565F75**.

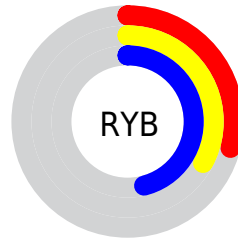
Distribution



Red (29%)

Green (34%)

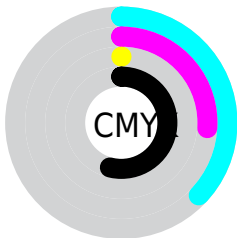
Blue (46%)



Red (29%)

Yellow (33%)

Blue (46%)

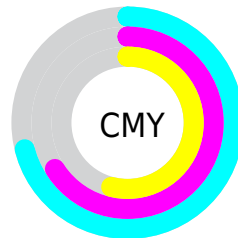


Cyan (37%)

Magenta (26%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5775 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 4A5775 by changing the saturation by 10% instead.

■ 4A5775

■ 4A5775

FFFFFF

■ 32405C

■ 7C89A9

■ 1B2A45

■ 96A3C4

■ 03162E

■ B1BEE0

■ 00011A

■ CDDAFD

■ 000000

■ EAF6FF

■ 4A5775

■ 4A5775

■ 3E4F75

■ 565F75

■ 334775

■ 616775

■ 273F75

■ 6D6F75

■ 1B3675

■ 797875

■ 0F2E75

■ 848075

■ 042675

■ 908875

■ 002375

■ 9C9075

■ A89875

■ B3A075

Harmonies

Analogous

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



345C73



4A5775



5F526F

Triad

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



4A5775



744E45



3B5F4C

Complementary

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



4A5775



75684A

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.



4C5C3F



4A5775



6B533B

Square

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



4A5775



754C53



5D5839



2B605B

Rectangle

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



4A5775



6A4E67



5D5839



415E47

Sweetspot

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



4A5775



888D99



4A7567



43464D



CCCCCC



4D4D4D

Same Dimension

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



4A5775



566A99



524A75



35373B



00257A



004CFA

Inverse Universe

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



754A57



99566A



6D754A



3B3537



7A0025



FA004C

Previews

White Background



This preview shows how the Hex color 4A5775 looks on a white background.

Color Contrast Check

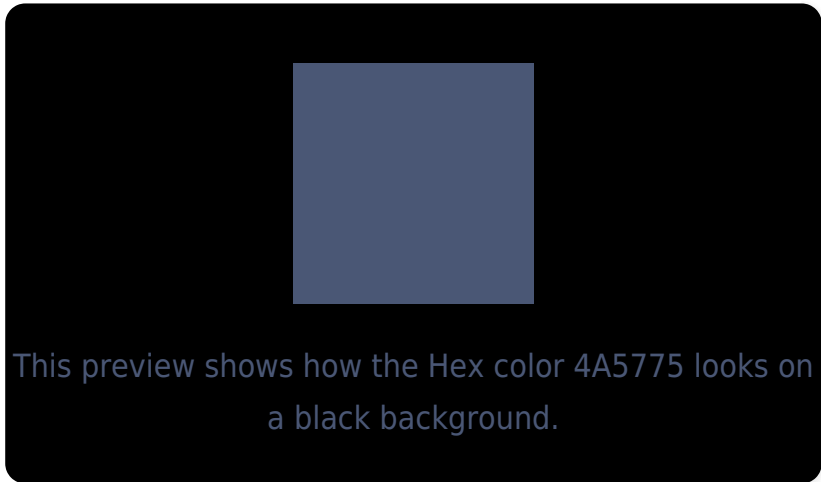
Large Text (above 18pt) WCAG AA ✓ Pass

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

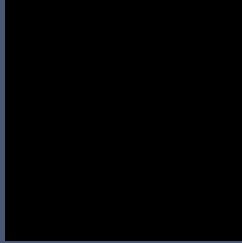
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

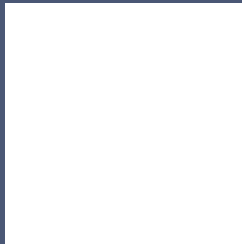
Any Text WCAG AAA × Fail

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

Hex 4A5775 Background



This preview shows how black text looks on a background with the Hex color 4A5775.

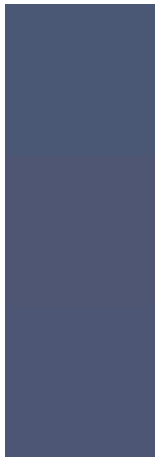


This preview shows how white text looks on a background with the Hex color 4A5775.

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
4A5775

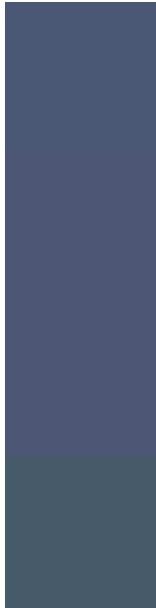
Protanopia
4E5674

Deuteranopia
4E5675



Tritanopia
455B62

Trichromacy



Original Color
4A5775

Protanomaly
4D5674

Deuteranomaly
4D5675

Tritanomaly
475A69

Monochromacy



Original Color
4A5775

Achromatopsia
575757

Achromatomaly
525762

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5775 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 #4A5775 looks like.

```
.text, #text, p{  
    color:#4A5775  
}
```

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 #4A5775 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5775  
}
```

Border

The CSS property to change the border of an element to Hex 4A5775 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  
#4A5775 }
```

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

```
.border{ border-color:#4A5775 }
```

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

Here you see how a box with a 4 pixel #4A5775 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5775; -webkit-box-shadow:4px 4px  
4px 4px #4A5775; box-shadow:4px 4px 4px  
4px #4A5775 }
```

Background

The CSS property to change the background color of an element to Hex 4A5775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5775 }
```

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

```
.background{ background-color:#4A5775 }
```

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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