

Converting Colors

Hex(4B5E7A)

Have a look what the booklet for
Hex(4B5E7A) contains.

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Color

Hex(4B5E7A)

Conversions

Conversions Part 1

Format	Color
Hex	4B5E7A
RGB	75, 94, 122
RGB Percent	29%, 37%, 48%
CMY	0.7059, 0.6314, 0.5216
CMYK	0.39, 0.23, 0.00, 0.52
HSL	216°, 24%, 39%
HSV	216°, 39%, 48%
XYZ	10.4172, 10.9064, 19.9685
YIQ	91.5110, -20.3120, 4.6800

Conversions

Conversions Part 2

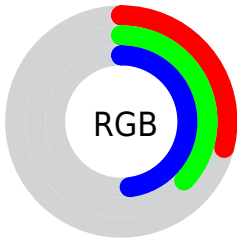
Format	Color
R_{YB}	75, 89, 122
Decimal	4939386
CIE Lab	39.42, 0.39, -18.07
CIE LCh	39, 18.078, 271.240
Yxy	10.9064, 0.2523, 0.2641
Android (android.graphics.Color)	4283129466 (0xFF4B5E7A)
YUV	91.5110, 15.0311, -14.4801
Hunter-Lab	33.0248, -1.4883, -12.7323

Details

The Hex color **4B5E7A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7A674B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7D90AE**, and **1B3049** is the 20% darker color. If you saturate the color by 10%, you get **3F577A**, and if you desaturate by 10%, it is **57657A**.

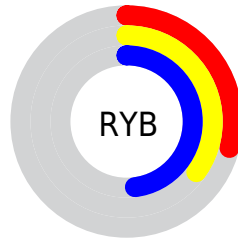
Distribution



Red (29%)

Green (37%)

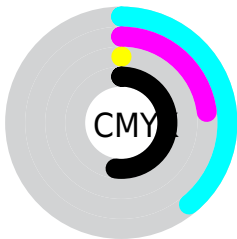
Blue (48%)



Red (29%)

Yellow (35%)

Blue (48%)

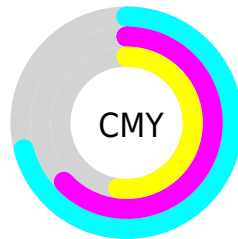


Cyan (39%)

Magenta (23%)

Yellow (0%)

Black (52%)



Cyan (71%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B5E7A 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 4B5E7A by changing the saturation by 10% instead.



4B5E7A



4B5E7A

FFFFFF



334661



7D90AE



1B3049



98ABCA



021C33



B3C6E6



00021E



CFE2FF



000000



EBFFFF



4B5E7A



4B5E7A



3F577A



57657A



334F7A



636D7A

■ 26487A

■ 70747A

■ 1A417A

■ 7C7B7A

■ 0E3A7A

■ 88827A

■ 02327A

■ 948A7A

■ 00317A

■ A0917A

■ AD987A

■ B99F7A

Harmonies

Analogous

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



386276



4B5E7A



605976

Triad

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



4B5E7A



7A534E



46644E

Complementary

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



4B5E7A



7A674B

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.



576143



4B5E7A



735744

Square

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



4B5E7A



79525D



675C3F



37655D

Rectangle

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



4B5E7A



6B566F



675C3F



4C634A

Sweetspot

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



4B5E7A



8B939E



4B7A66



44484F



CFCFCF



4F4F4F

Same Dimension

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



4B5E7A



55739E



4F4B7A



373A3D



00337D



0066FC

Inverse Universe

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



7A4B5E



9E5573



767A4B



3D373A



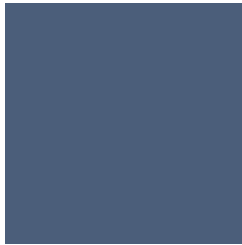
7D0033



FC0066

Previews

White Background



This preview shows how the Hex color 4B5E7A looks on a white background.

Color Contrast Check

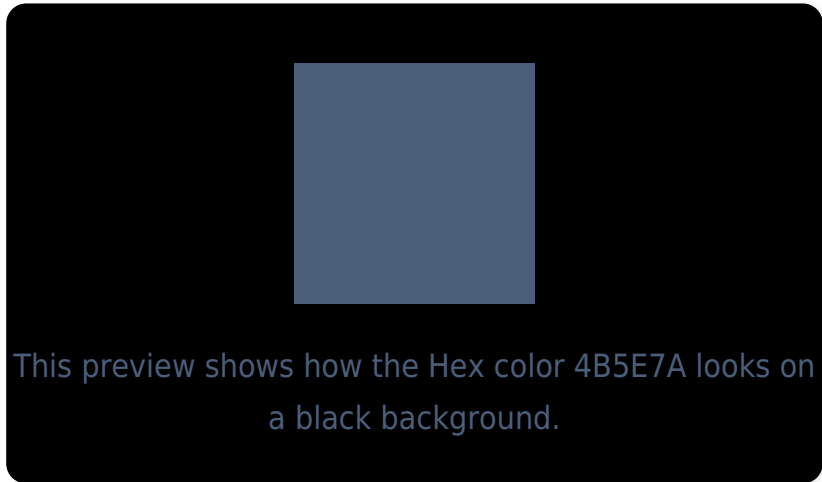
Large Text (above 18pt) WCAG AA ✓ Pass

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

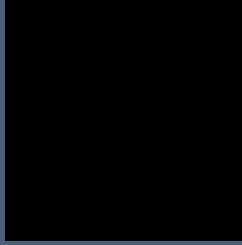
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

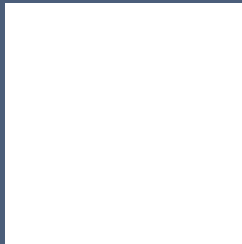
Any Text WCAG AAA × Fail

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

Hex 4B5E7A Background



This preview shows how black text looks on a background with the Hex color 4B5E7A.

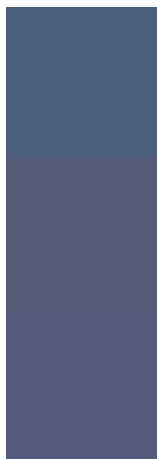


This preview shows how white text looks on a background with the Hex color 4B5E7A.

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

4B5E7A

Protanopia

555C78

Deuteranopia

555B7B



Tritanopia
476169

Trichromacy



Original Color
4B5E7A

Protanomaly
515D79

Deuteranomaly
515C7B

Tritanomaly
48606F

Monochromacy



Original Color
4B5E7A

Achromatopsia
5C5C5C

Achromatomaly
565D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B5E7A 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 #4B5E7A looks like.

```
.text, #text, p{  
    color:#4B5E7A  
}
```

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 #4B5E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5E7A
}
```

Border

The CSS property to change the border of an element to Hex 4B5E7A 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
#4B5E7A }
```

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

```
.border{ border-color:#4B5E7A }
```

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

Here you see how a box with a 4 pixel #4B5E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5E7A; -webkit-box-shadow:4px 4px  
4px 4px #4B5E7A; box-shadow:4px 4px 4px  
4px #4B5E7A }
```

Background

The CSS property to change the background color of an element to Hex 4B5E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5E7A }
```

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

```
.background{ background-color:#4B5E7A }
```

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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