

Converting Colors

Hex(4A627A)

Have a look what the booklet for
Hex(4A627A) contains.

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Color

Hex(4A627A)

Conversions

Conversions Part 1

Format	Color
Hex	4A627A
RGB	74, 98, 122
RGB Percent	29%, 38%, 48%
CMY	0.7098, 0.6157, 0.5216
CMYK	0.39, 0.20, 0.00, 0.52
HSL	210°, 24%, 38%
HSV	210°, 39%, 48%
XYZ	10.7046, 11.5964, 20.0865
YIQ	93.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

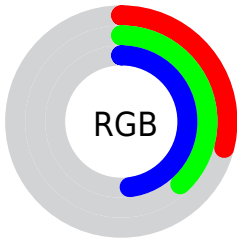
Format	Color
R_{YB}	74, 90, 122
Decimal	4874874
CIE _{Lab}	40.57, -2.36, -16.32
CIE _{LCh}	41, 16.493, 261.762
Yxy	11.5964, 0.2525, 0.2736
Android (android.graphics.Color)	4283064954 (0xFF4A627A)
YUV	93.5600, 14.0209, -17.1541
Hunter-Lab	34.0534, -3.4826, -11.1349




Details

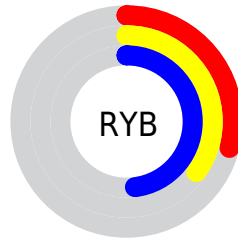
The Hex color **4A627A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A624A**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **7D95AE**, and **1A3449** is the 20% darker color. If you saturate the color by 10%, you get **3E5C7A**, and if you desaturate by 10%, it is **56687A**.

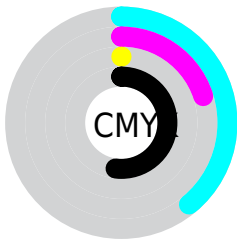
Distribution







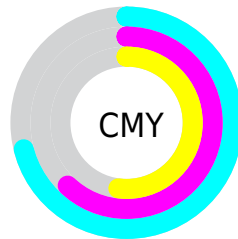
-  Red (29%)
-  Green (38%)
-  Blue (48%)






-  Red (29%)
-  Yellow (35%)
-  Blue (48%)



-  Cyan (39%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (71%)
-  Magenta (62%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A627A 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 4A627A by changing the saturation by 10% instead.



4A627A



4A627A

FFFFFF



324A61



7D95AE



1A3449



97AFCA



001F33



B2CBE6



00061E



CEE7FF



000000



EAEFFF



4A627A



4A627A



3E5C7A



56687A



32567A



626E7A

■ 25507A

■ 6F747A

■ 194A7A

■ 7B7A7A

■ 0D447A

■ 87817A

■ 013D7A

■ 93877A

■ 003D7A

■ 9F8D7A

■ AC937A

■ B8997A

Harmonies

Analogous

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



3B6574



4A627A



5D5D79

Triad

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



4A627A



7B5656



50654F

Complementary

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



4A627A



7A624A

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.



5F6246



4A627A



77594B

Square

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



4A627A



785664



6D5D45



41675B

Rectangle

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



4A627A



685A74



6D5D45



55644B

Sweetspot

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



4A627A



8B959E



4A7A62



444A4F



CFCFCF



4F4F4F

Same Dimension

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



4A627A



54799E



4A4A7A



373A3D



003E7D



007EFC

Inverse Universe

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



7A4A62



9E5479



7A7A4A



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 4A627A looks on a white background.

Color Contrast Check

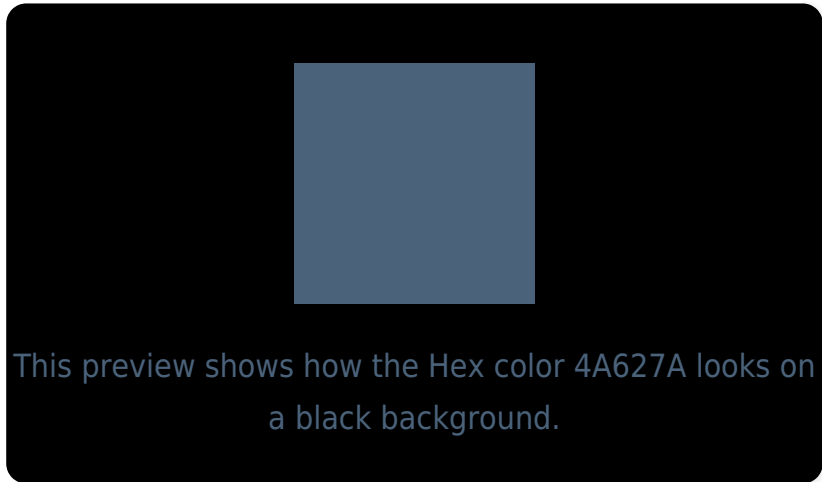
Large Text (above 18pt) WCAG AA ✓ Pass

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

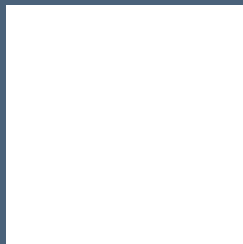
Any Text WCAG AAA × Fail

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

Hex 4A627A Background



This preview shows how black text looks on a background with the Hex color 4A627A.



This preview shows how white text looks on a background with the Hex color 4A627A.

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
4A627A

Protanopia
595E77

Deuteranopia
5A5E7B



Tritanopia
46646C

Trichromacy



Original Color

4A627A

Protanomaly

545F78

Deuteranomaly

545F7B

Tritanomaly

476371

Monochromacy



Original Color

4A627A

Achromatopsia

5E5E5E

Achromatomaly

575F68

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A627A 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 #4A627A looks like.

```
.text, #text, p{  
    color:#4A627A  
}
```

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 #4A627A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A627A
}
```

Border

The CSS property to change the border of an element to Hex 4A627A 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
#4A627A }
```

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

```
.border{ border-color:#4A627A }
```

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

Here you see how a box with a 4 pixel #4A627A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A627A; -webkit-box-shadow:4px 4px  
4px 4px #4A627A; box-shadow:4px 4px 4px  
4px #4A627A }
```

Background

The CSS property to change the background color of an element to Hex 4A627A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A627A }
```

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

```
.background{ background-color:#4A627A }
```

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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