

Converting Colors

Hex(4A657A)

Have a look what the booklet for
Hex(4A657A) contains.

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Color

Hex(4A657A)

Conversions

Conversions Part 1

Format	Color
Hex	4A657A
RGB	74, 101, 122
RGB Percent	29%, 40%, 48%
CMY	0.7098, 0.6039, 0.5216
CMYK	0.39, 0.17, 0.00, 0.52
HSL	206°, 24%, 38%
HSV	206°, 39%, 48%
XYZ	10.9906, 12.1683, 20.1818
YIQ	95.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

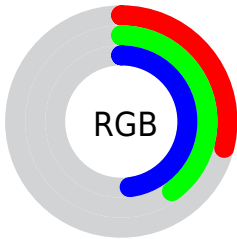
Format	Color
R _Y B	74, 91, 122
Decimal	4875642
CIE Lab	41.48, -4.18, -14.93
CIE LCh	41, 15.499, 254.366
Yxy	12.1683, 0.2536, 0.2808
Android (android.graphics.Color)	4283065722 (0xFF4A657A)
YUV	95.3210, 13.1527, -18.6985
Hunter-Lab	34.8832, -4.8059, -9.8843

Details

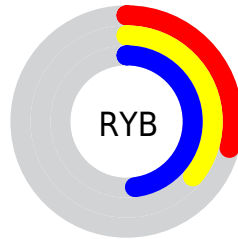
The Hex color **4A657A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A5F4A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7D98AE**, and **1A3649** is the 20% darker color. If you saturate the color by 10%, you get **3E607A**, and if you desaturate by 10%, it is **566A7A**.

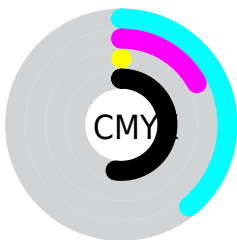
Distribution



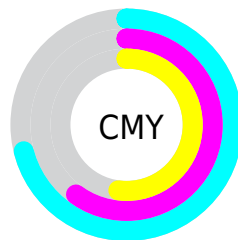
- Red (29%)
- Green (40%)
- Blue (48%)



- Red (29%)
- Yellow (36%)
- Blue (48%)



- Cyan (39%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (71%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A657A 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 4A657A by changing the saturation by 10% instead.

■ 4A657A

■ 4A657A

FFFFFF

■ 324D61

■ 7D98AE

■ 1A3649

■ 97B3CA

■ 002133

■ B2CEE6

■ 000A1E

■ CEEAFF

■ 000001

■ EAFFFF

■ 000000

■ 4A657A

■ 4A657A

■ 3E607A

■ 566A7A

■ 325A7A

■ 62707A

■ 25557A

■ 6F757A

■ 19507A

■ 7B7A7A

■ 0D4A7A

■ 87807A

■ 01457A

■ 93857A

■ 00457A

■ 9F8A7A

■ AC907A

■ B8957A

Harmonies

Analogous

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



3F6873



4A657A



5B617A

Triad

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



4A657A



7C595C



57664F

Complementary

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



4A657A



7A5F4A

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.



656349



4A657A



7A5B51

Square

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



4A657A



775969



715F4A



49695B

Rectangle

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



4A657A



665E77



715F4A



5B654D

Sweetspot

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



4A657A



8B969E



4A7A5F



444A4F



CFCFCF



4F4F4F

Same Dimension

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



4A657A



547E9E



4A4D7A



373B3D



00467D



008EFC

Inverse Universe

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



7A4A65



9E547E



7A774A



3D373B



7D0046



FC008E

Previews

White Background



This preview shows how the Hex color 4A657A looks on a white background.

Color Contrast Check

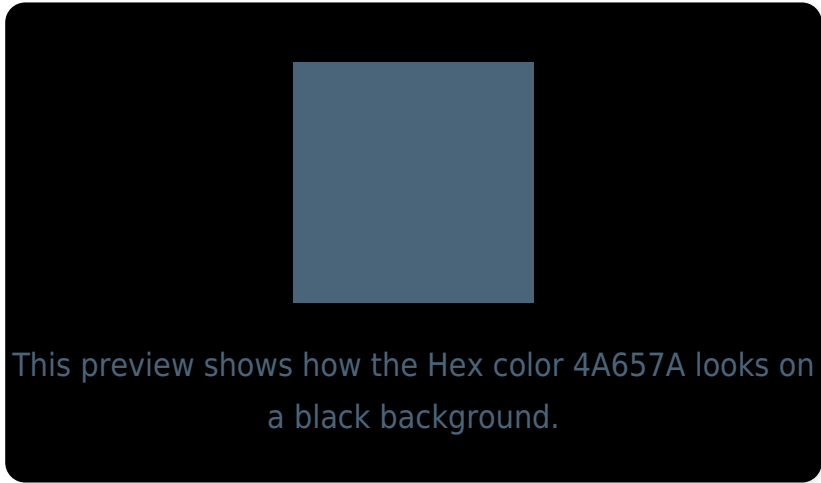
Large Text (above 18pt) WCAG AA ✓ Pass

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

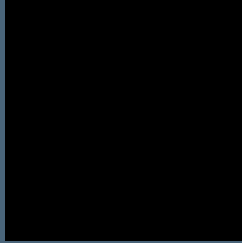
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

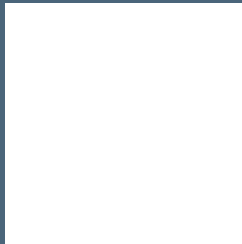
Any Text WCAG AAA × Fail

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

Hex 4A657A Background



This preview shows how black text looks on a background with the Hex color 4A657A.

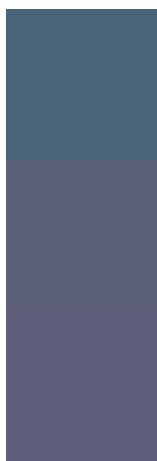


This preview shows how white text looks on a background with the Hex color 4A657A.

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


4A657A

Protanopia

5D6177

Deuteranopia

5E607B



Tritanopia
47676F

Trichromacy



Original Color

4A657A

Protanomaly

566278

Deuteranomaly

57627B

Tritanomaly

486673

Monochromacy



Original Color

4A657A

Achromatopsia

5F5F5F

Achromatomaly

576169

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A657A 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 #4A657A looks like.

```
.text, #text, p{  
    color:#4A657A  
}
```

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 #4A657A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A657A
}
```

Border

The CSS property to change the border of an element to Hex 4A657A is called "border". The border property can be set on classes, ids or directly on the HTML element.

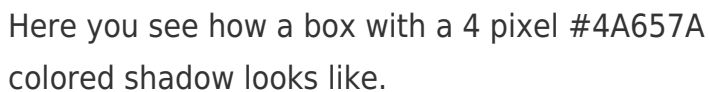
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A657A }
```

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

```
.border{ border-color:#4A657A }
```

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



Here you see how a box with a 4 pixel #4A657A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A657A; -webkit-box-shadow:4px 4px  
4px 4px #4A657A; box-shadow:4px 4px 4px  
4px #4A657A }
```

Background

The CSS property to change the background color of an element to Hex 4A657A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A657A }
```

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

```
.background{ background-color:#4A657A }
```

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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