

Converting Colors

Hex(457E7B)

Have a look what the booklet for
Hex(457E7B) contains.

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Color

Hex(457E7B)

Conversions

Conversions Part 1

Format	Color
Hex	457E7B
RGB	69, 126, 123
RGB Percent	27%, 49%, 48%
CMY	0.7294, 0.5059, 0.5176
CMYK	0.45, 0.00, 0.02, 0.51
HSL	177°, 29%, 38%
HSV	177°, 45%, 49%
XYZ	13.4902, 17.6170, 21.4283
YIQ	108.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

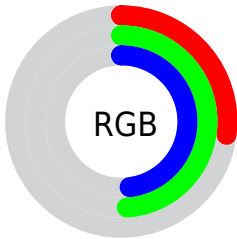
Format	Color
R _{YB}	69, 98, 126
Decimal	4554363
CIE _{Lab}	49.03, -19.48, -4.22
CIE _{LCh}	49, 19.931, 192.212
Y _{xy}	17.6170, 0.2568, 0.3353
Android (android.graphics.Color)	4282744443 (0xFF457E7B)
YUV	108.6150, 7.0918, -34.7424
Hunter-Lab	41.9726, -16.0810, -0.8886

Details

The Hex color **457E7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4548**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **79B3AF**, and **0D4D4A** is the 20% darker color. If you saturate the color by 10%, you get **387E7A**, and if you desaturate by 10%, it is **527E7C**.

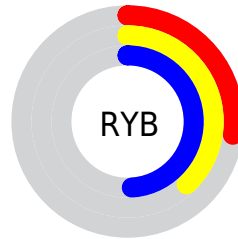
Distribution



 Red (27%)

 Green (49%)

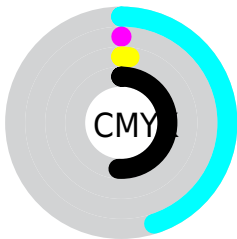
 Blue (48%)




 Red (27%)

 Yellow (38%)

 Blue (49%)

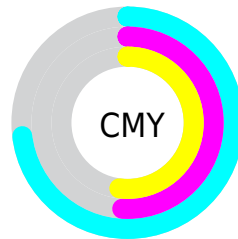


 Cyan (45%)


 Magenta (0%)

 Yellow (2%)

 Black (51%)



 Cyan (73%)

 Magenta (51%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457E7B 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 457E7B by changing the saturation by 10% instead.

457E7B

457E7B

FFFFFF

2B6562

79B3AF

0D4D4A

94CFCB

003634

AFEBE7

00211F

CBFFFF

000006

E8FFFF

000000

457E7B

457E7B

387E7A

527E7C

2C7E7A

5E7E7C

■ 1F7E79

■ 6B7E7D

■ 137E78

■ 777E7E

■ 067E78

■ 847E7E

■ 007E77

■ 917E7F

■ 9D7E80

■ AA7E80

■ B67E81

Harmonies

Analogous

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



547D6A



457E7B



437D8B

Triad

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



457E7B



806E8E



8A7055

Complementary

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



457E7B



7E4548

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.



946B5F



457E7B



90697F

Square

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



457E7B



697495



97686E



7A7653

Rectangle

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



457E7B



4C7A92



97686E



8E6E57

Sweetspot

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



457E7B



8CA3A2



497E45



445251



D1D1D1



525252

Same Dimension

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



457E7B



4BA39F



45657E



39403F



008079



000000

Inverse Universe

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



7E4548



A34B50



7E5E45



40393A



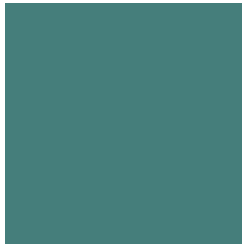
800007



000000

Previews

White Background



This preview shows how the Hex color 457E7B looks on a white background.

Color Contrast Check

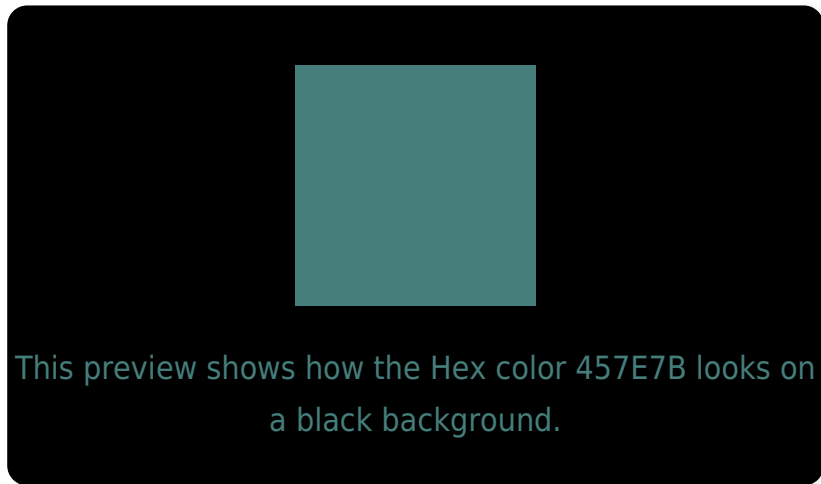
Large Text (above 18pt) WCAG AA ✓ Pass

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

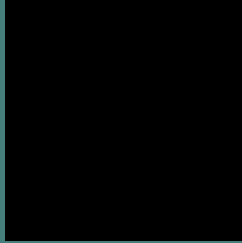
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

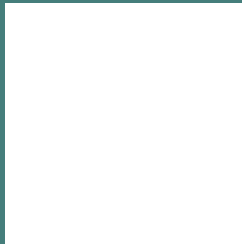
Any Text WCAG AAA × Fail

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

Hex 457E7B Background



This preview shows how black text looks on a background with the Hex color 457E7B.




This preview shows how white text looks on a background with the Hex color 457E7B.

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](#).

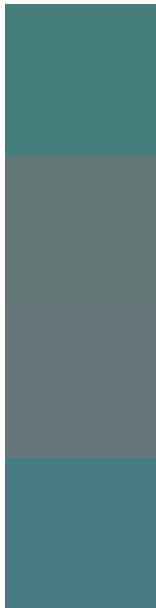
Dichromacy





Tritanopia
487C86

Trichromacy



Original Color
457E7B

Protanomaly
647777

Deuteranomaly
67767D

Tritanomaly
477D82

Monochromacy



Original Color
457E7B

Achromatopsia
6D6D6D

Achromatomaly
5E7372

CSS Examples

Text

The CSS property to change the color of the text to Hex 457E7B 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 #457E7B looks like.

```
.text, #text, p{  
    color:#457E7B  
}
```

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 #457E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457E7B
}
```

Border

The CSS property to change the border of an element to Hex 457E7B 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
#457E7B }
```

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

```
.border{ border-color:#457E7B }
```

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

Here you see how a box with a 4 pixel #457E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457E7B; -webkit-box-shadow:4px 4px  
4px 4px #457E7B; box-shadow:4px 4px 4px  
4px #457E7B }
```

Background

The CSS property to change the background color of an element to Hex 457E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457E7B }
```

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

```
.background{ background-color:#457E7B }
```

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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