

Converting Colors

Hex(457B85)

Have a look what the booklet for
Hex(457B85) contains.

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Color

Hex(457B85)

Conversions

Conversions Part 1

Format	Color
Hex	457B85
RGB	69, 123, 133
RGB Percent	27%, 48%, 52%
CMY	0.7294, 0.5176, 0.4784
CMYK	0.48, 0.08, 0.00, 0.48
HSL	189°, 32%, 40%
HSV	189°, 48%, 52%
XYZ	13.7708, 17.1246, 24.7699
YIQ	107.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

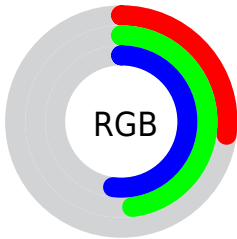
Format	Color
R_{YB}	69, 98, 133
Decimal	4553605
CIE _{Lab}	48.42, -15.05, -11.03
CIE _{LCh}	48, 18.657, 216.236
Yxy	17.1246, 0.2474, 0.3076
Android (android.graphics.Color)	4282743685 (0xFF457B85)
YUV	107.9940, 12.3280, -34.1977
Hunter-Lab	41.3819, -13.0179, -6.5218

Details

The Hex color **457B85** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **854F45**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **79B0BA**, and **0B4A54** is the 20% darker color. If you saturate the color by 10%, you get **387985**, and if you desaturate by 10%, it is **527D85**.

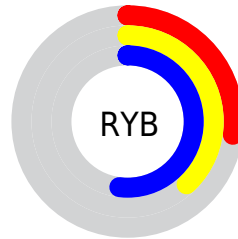
Distribution



Red (27%)

Green (48%)

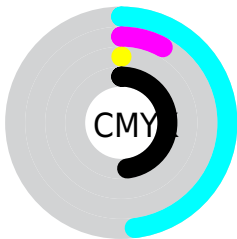
Blue (52%)



Red (27%)

Yellow (38%)

Blue (52%)

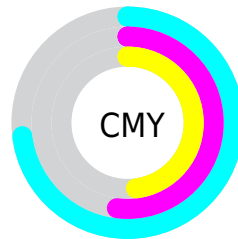


Cyan (48%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457B85 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 457B85 by changing the saturation by 10% instead.



457B85



457B85

FFFFFF



2B626C



79B0BA



0B4A54



94CBD6



00333C



B0E7F2



001E27



CCFFFF



000112



E9FFFF



000000



457B85



457B85



387985



527D85



2A7785



607F85

■ 1D7585

■ 6D8185

■ 107385

■ 7A8385

■ 027185

■ 878585

■ 007085

■ 958785

■ A28A85

■ AF8C85

■ BD8E85

Harmonies

Analogous

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



497C76



457B85



50788F

Triad

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



457B85



8A6980



7B7354

Complementary

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



457B85



854F45

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.



896E57



457B85



926870

Square

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



457B85



7A6E8C



926961



6A7859

Rectangle

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



457B85



5D7592



926961



807154

Sweetspot

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



457B85



95AAAD



45854F



485457



D6D6D6



575757

Same Dimension

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



457B85



499EAD



455B85



3C4142



006E82



000203

Inverse Universe

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



85457B



AD499E



856F45



423C41



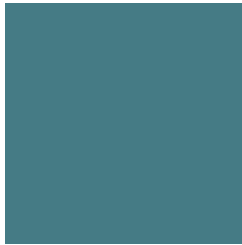
82006E



030002

Previews

White Background



This preview shows how the Hex color 457B85 looks on a white background.

Color Contrast Check

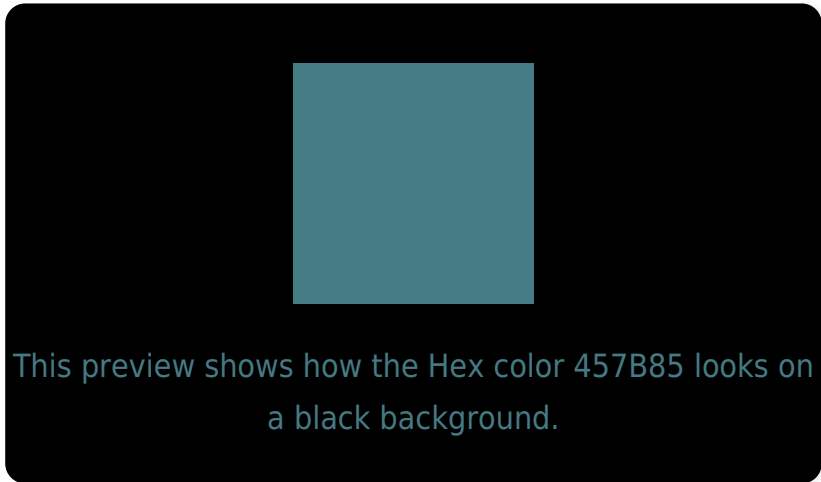
Large Text (above 18pt) WCAG AA ✓ Pass

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

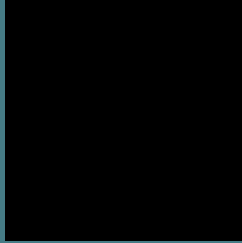
Any Text WCAG AA × Fail

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 457B85 Background



This preview shows how black text looks on a background with the Hex color 457B85.

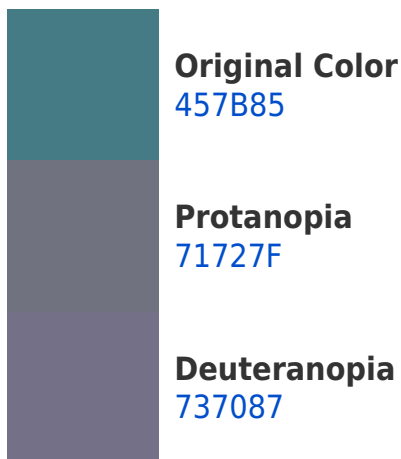


This preview shows how white text looks on a background with the Hex color 457B85.

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
457B85

Trichromacy



Original Color
457B85

Protanomaly
617581

Deuteranomaly
627486

Tritanomaly
457B85

Monochromacy



Original Color
457B85

Achromatopsia
6C6C6C

Achromatomaly
5E7175

CSS Examples

Text

The CSS property to change the color of the text to Hex 457B85 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 #457B85 looks like.

```
.text, #text, p{  
    color:#457B85  
}
```

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 #457B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457B85
}
```

Border

The CSS property to change the border of an element to Hex 457B85 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
#457B85 }
```

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

```
.border{ border-color:#457B85 }
```

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

Here you see how a box with a 4 pixel #457B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457B85; -webkit-box-shadow:4px 4px  
4px 4px #457B85; box-shadow:4px 4px 4px  
4px #457B85 }
```

Background

The CSS property to change the background color of an element to Hex 457B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457B85 }
```

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

```
.background{ background-color:#457B85 }
```

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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