

Converting Colors

Hex(457B97)

Have a look what the booklet for
Hex(457B97) contains.

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Color

Hex(457B97)

Conversions

Conversions Part 1

Format	Color
Hex	457B97
RGB	69, 123, 151
RGB Percent	27%, 48%, 59%
CMY	0.7294, 0.5176, 0.4078
CMYK	0.54, 0.19, 0.00, 0.41
HSL	200°, 37%, 43%
HSV	200°, 54%, 59%
XYZ	15.1231, 17.6655, 31.8909
YIQ	110.0460, -41.1720, -2.7400

Conversions

Conversions Part 2

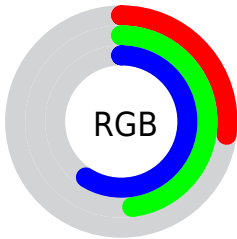
Format	Color
RYB	69, 102, 151
Decimal	4553623
CIELab	49.09, -9.61, -20.60
CIElCh	49, 22.732, 244.985
Yxy	17.6655, 0.2338, 0.2731
Android (android.graphics.Color)	4282743703 (0xFF457B97)
YUV	110.0460, 20.1903, -35.9973
Hunter-Lab	42.0303, -9.3262, -15.5655

Details

The Hex color `457B97` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `976145`, and the grayscale version is `6E6E6E`.

A 20% lighter version of the original color is `7BAFCD`, and `024A64` is the 20% darker color. If you saturate the color by 10%, you get `367697`, and if you desaturate by 10%, it is `548097`.

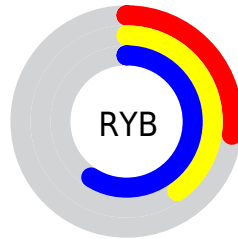
Distribution



Red (27%)

Green (48%)

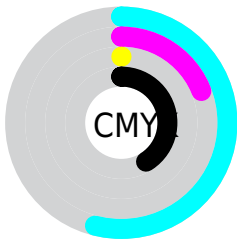
Blue (59%)



Red (27%)

Yellow (40%)

Blue (59%)

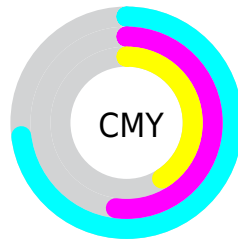


Cyan (54%)

Magenta (19%)

Yellow (0%)

Black (41%)



Cyan (73%)

Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457B97 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 457B97 by changing the saturation by 10% instead.



457B97



457B97

FFFFFF



29627D



7BAFCD



024A64



96CBEA



00344C



B2E7FF



001F35



CFFFFFF



000220



ECFFFF



000004



000000



457B97



457B97



367697



548097

■ 277197

■ 638597

■ 186C97

■ 728A97

■ 096697

■ 819097

■ 006397

■ 919597

■ A09A97

■ AF9F97

■ BEA497

■ CDA997

Harmonies

Analogous

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



377E8A



457B97



60759B

Triad

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



457B97



9A6672



6A7A55

Complementary

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



457B97



976145

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.



7F744E



457B97



9A685F

Square

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



457B97



906985



906E52



547E64

Rectangle

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



457B97



737197



906E52



717851

Sweetspot

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



457B97



A5BAC4



459760



515D63



E3E3E3



636363

Same Dimension

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



457B97



4599C4



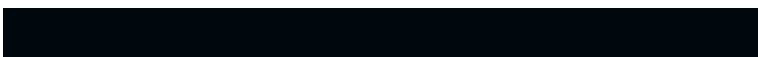
455397



454A4D



005C8C



00080D

Inverse Universe

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



97457B



C44599



978945



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 457B97 looks on a white background.

Color Contrast Check

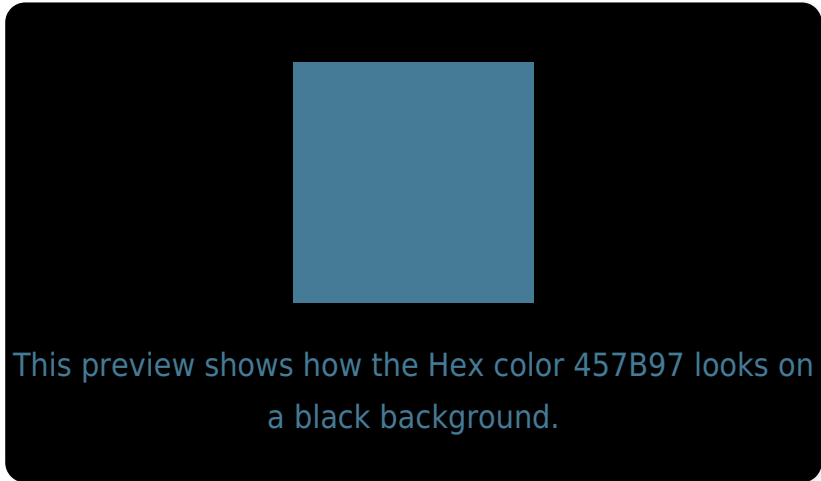
Large Text (above 18pt) WCAG AA ✓ Pass

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

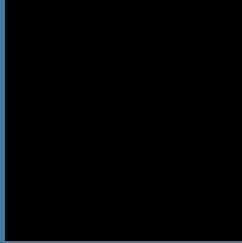
Any Text WCAG AA ✓ Pass

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 457B97 Background



This preview shows how black text looks on a background with the Hex color 457B97.



This preview shows how white text looks on a background with the Hex color 457B97.

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](#).

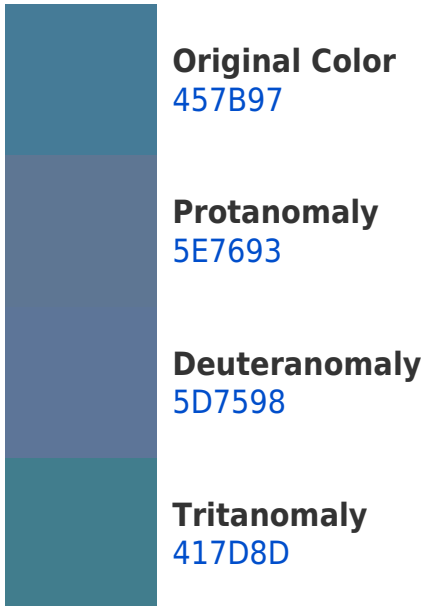
Dichromacy





Tritanopia
3F7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 457B97 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 #457B97 looks like.

```
.text, #text, p{  
    color:#457B97  
}
```

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 #457B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457B97
}
```

Border

The CSS property to change the border of an element to Hex 457B97 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
#457B97 }
```

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

```
.border{ border-color:#457B97 }
```

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

Here you see how a box with a 4 pixel #457B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457B97; -webkit-box-shadow:4px 4px  
4px 4px #457B97; box-shadow:4px 4px 4px  
4px #457B97 }
```

Background

The CSS property to change the background color of an element to Hex 457B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457B97 }
```

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

```
.background{ background-color:#457B97 }
```

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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