

Converting Colors

Hex(458A7E)

Have a look what the booklet for
Hex(458A7E) contains.

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Color

Hex(458A7E)

Conversions

Conversions Part 1

Format	Color
Hex	458A7E
RGB	69, 138, 126
RGB Percent	27%, 54%, 49%
CMY	0.7294, 0.4588, 0.5059
CMYK	0.50, 0.00, 0.09, 0.46
HSL	170°, 33%, 41%
HSV	170°, 50%, 54%
XYZ	15.3086, 20.9485, 22.9753
YIQ	116.0010, -37.2720, -18.3600

Conversions

Conversions Part 2

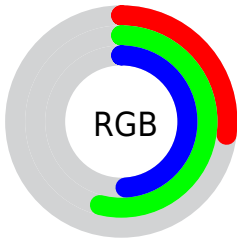
Format	Color
RYB	69, 107, 138
Decimal	4557438
CIELab	52.89, -24.91, -0.29
CIElCh	53, 24.913, 180.661
Yxy	20.9485, 0.2584, 0.3537
Android (android.graphics.Color)	4282747518 (0xFF458A7E)
YUV	116.0010, 4.9295, -41.2199
Hunter-Lab	45.7696, -20.3935, 2.2765

Details

The Hex color **458A7E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A4551**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7AC0B3**, and **06584D** is the 20% darker color. If you saturate the color by 10%, you get **378A7C**, and if you desaturate by 10%, it is **538A80**.

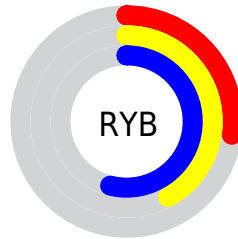
Distribution



Red (27%)

Green (54%)

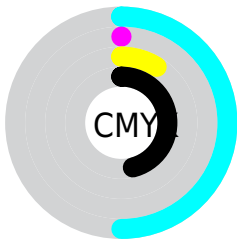
Blue (49%)



Red (27%)

Yellow (42%)

Blue (54%)

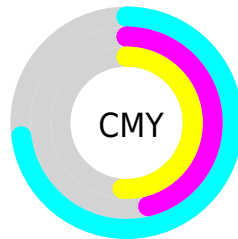


Cyan (50%)

Magenta (0%)

Yellow (9%)

Black (46%)



Cyan (73%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 458A7E 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 458A7E by changing the saturation by 10% instead.



458A7E



458A7E

FFFFFF



2A7065



7AC0B3



06584D



95DCCE



004036



B1F8EA



002921



CDFFFF



00120B



EAFFFF



000000



458A7E



458A7E



378A7C



538A80



298A79



618A83

■ 1C8A77

■ 6E8A85

■ 0E8A74

■ 7C8A88

■ 008A72

■ 8A8A8A

■ 988A8C

■ A68A8F

■ B38A91

■ C18A94

Harmonies

Analogous

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



5D8869



458A7E



388993

Triad

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



458A7E



8279A3



9E765A

Complementary

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



458A7E



8A4551

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.



A87069



458A7E



9A7294

Square

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



458A7E



6380A9



A76E7F



8D7D53

Rectangle

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



458A7E



3D879F



A76E7F



A3745E

Sweetspot

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



458A7E



98B3AE



528A45



495956



D9D9D9



595959

Same Dimension

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



458A7E



47B3A0



45748A



3E4544



00856E



000504

Inverse Universe

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



8A4551



B3475A



8A5B45



453E3F



850017



050001

Previews

White Background



This preview shows how the Hex color 458A7E looks on a white background.

Color Contrast Check

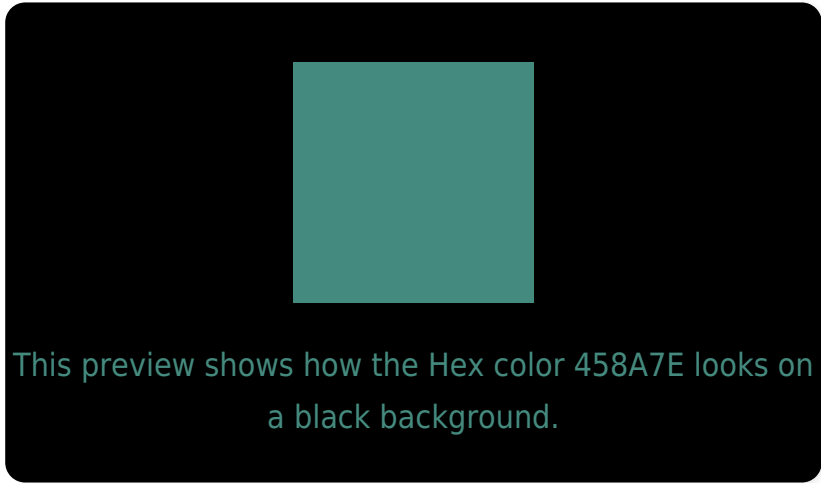
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

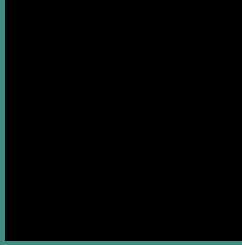
Any Text WCAG AA ✓ Pass

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 458A7E Background



This preview shows how black text looks on a background with the Hex color 458A7E.

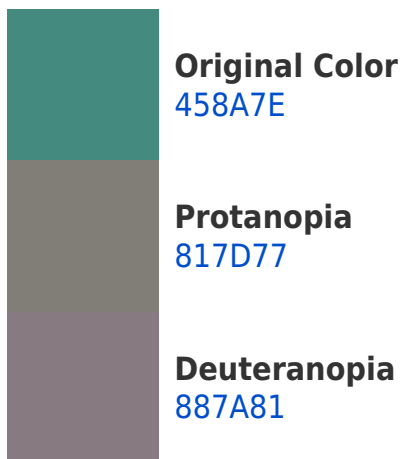


This preview shows how white text looks on a background with the Hex color 458A7E.

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](#).

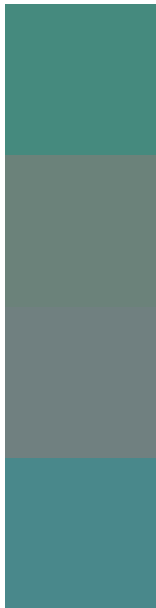
Dichromacy





Tritanopia
4B8792

Trichromacy



Original Color
458A7E

Protanomaly
6B827A

Deuteranomaly
708080

Tritanomaly
49888B

Monochromacy



Original Color
458A7E

Achromatopsia
747474

Achromatomaly
637C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 458A7E 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 #458A7E looks like.

```
.text, #text, p{  
  color:#458A7E  
}
```

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 #458A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #458A7E
}
```

Border

The CSS property to change the border of an element to Hex 458A7E 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
#458A7E }
```

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

```
.border{ border-color:#458A7E }
```

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

Here you see how a box with a 4 pixel #458A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #458A7E; -webkit-box-shadow:4px 4px  
4px 4px #458A7E; box-shadow:4px 4px 4px  
4px #458A7E }
```

Background

The CSS property to change the background color of an element to Hex 458A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#458A7E }
```

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

```
.background{ background-color:#458A7E }
```

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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