

Converting Colors

Hex(45858E)

Have a look what the booklet for
Hex(45858E) contains.

Hex(45858E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(45858E)

Conversions

Conversions Part 1

Format	Color
Hex	45858E
RGB	69, 133, 142
RGB Percent	27%, 52%, 56%
CMY	0.7294, 0.4784, 0.4431
CMYK	0.51, 0.06, 0.00, 0.44
HSL	187°, 35%, 41%
HSV	187°, 51%, 56%
XYZ	15.7243, 19.9933, 28.6215
YIQ	114.8900, -41.0330, -10.7690

Conversions

Conversions Part 2

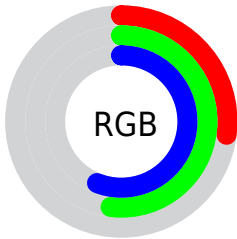
Format	Color
RYB	69, 103, 142
Decimal	4556174
CIELab	51.83, -17.89, -11.17
CIELCh	52, 21.088, 211.983
Yxy	19.9933, 0.2444, 0.3107
Android (android.graphics.Color)	4282746254 (0xFF45858E)
YUV	114.8900, 13.3652, -40.2455
Hunter-Lab	44.7138, -15.4771, -6.6521

Details

The Hex color **45858E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E4E45**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7BBAC4**, and **03535C** is the 20% darker color. If you saturate the color by 10%, you get **37838E**, and if you desaturate by 10%, it is **53878E**.

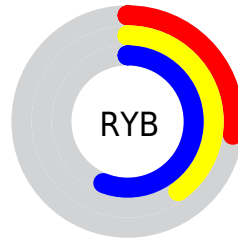
Distribution



Red (27%)

Green (52%)

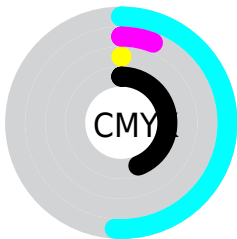
Blue (56%)



Red (27%)

Yellow (40%)

Blue (56%)

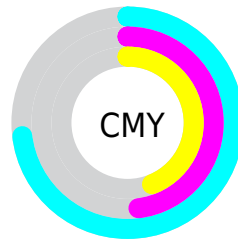


Cyan (51%)

Magenta (6%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45858E 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 45858E by changing the saturation by 10% instead.

45858E

45858E

FFFFFF

296C74

7BBAC4

03535C

96D6E0

003C44

B2F3FC

00262E

CEFFFF

000E1A

EBFFFF

000000

45858E

45858E

37838E

53878E

29818E

61898E

■ 1A808E

■ 708A8E

■ 0C7E8E

■ 7E8C8E

■ 007C8E

■ 8C8E8E

■ 9A908E

■ A8918E

■ B7938E

■ C5958E

Harmonies

Analogous

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



4D867C



45858E



4F829B

Triad

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



45858E



94718D



877B58

Complementary

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



45858E



8E4E45

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.



97755C



45858E



9F6E7B

Square

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



45858E



80779A



9F7069



74805D

Rectangle

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



45858E



5E7F9F



9F7069



8D7958

Sweetspot

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



45858E



9CB4B8



458E4E



4B5A5C



DBDBDB



5C5C5C

Same Dimension

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



45858E



46AAB8



45618E



404747



007687



000708

Inverse Universe

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



8E4585



B846AA



8E7245



474047



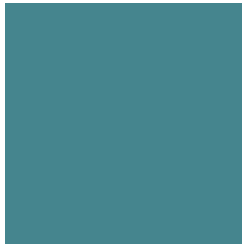
870076



080007

Previews

White Background



This preview shows how the Hex color 45858E looks on a white background.

Color Contrast Check

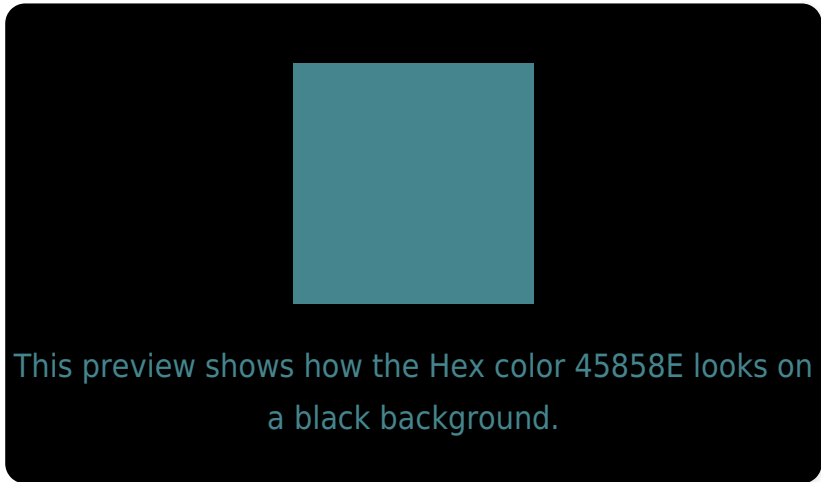
Large Text (above 18pt) WCAG AA ✓ Pass

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

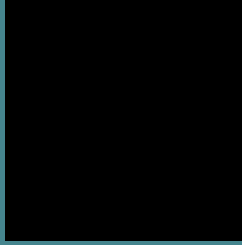
Any Text WCAG AA ✓ Pass

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 45858E Background



This preview shows how black text looks on a background with the Hex color 45858E.

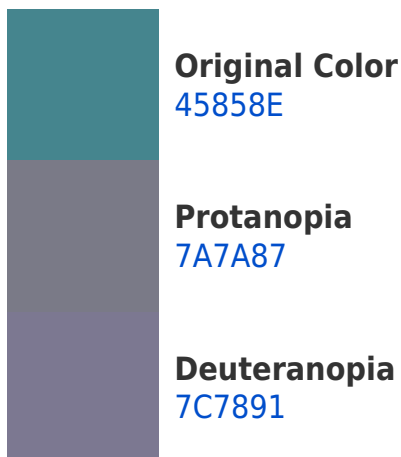



This preview shows how white text looks on a background with the Hex color 45858E.

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



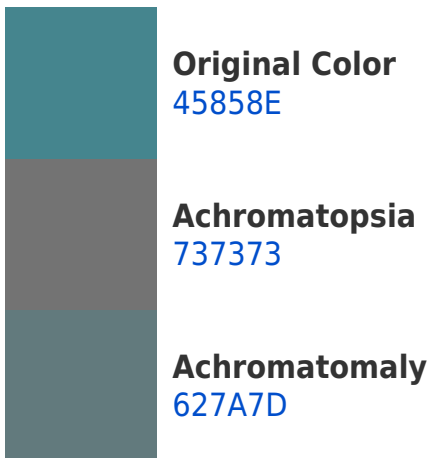


Tritanopia
46858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45858E 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 #45858E looks like.

```
.text, #text, p{  
    color:#45858E  
}
```

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 #45858E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45858E
}
```

Border

The CSS property to change the border of an element to Hex 45858E is called "border". The border property can be set on classes, ids or directly on the HTML element.

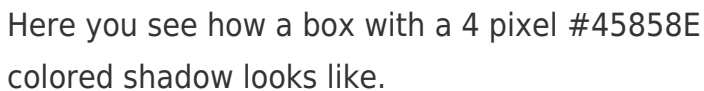
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45858E }
```

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

```
.border{ border-color:#45858E }
```

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



Here you see how a box with a 4 pixel #45858E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45858E; -webkit-box-shadow:4px 4px  
4px 4px #45858E; box-shadow:4px 4px 4px  
4px #45858E }
```

Background

The CSS property to change the background color of an element to Hex 45858E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45858E }
```

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

```
.background{ background-color:#45858E }
```

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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