

Converting Colors

Hex(48697E)

Have a look what the booklet for
Hex(48697E) contains.

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Color

Hex(48697E)

Conversions

Conversions Part 1

Format	Color
Hex	48697E
RGB	72, 105, 126
RGB Percent	28%, 41%, 49%
CMY	0.7176, 0.5882, 0.5059
CMYK	0.43, 0.17, 0.00, 0.51
HSL	203°, 27%, 39%
HSV	203°, 43%, 49%
XYZ	11.4900, 12.9872, 21.6399
YIQ	97.5270, -26.4090, -0.4650

Conversions

Conversions Part 2

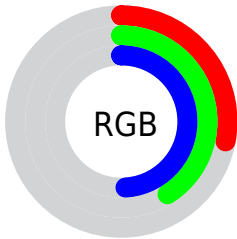
Format	Color
R_{YB}	72, 92, 126
Decimal	4745598
CIE _{Lab}	42.74, -5.98, -15.43
CIE _{LCh}	43, 16.551, 248.821
Yxy	12.9872, 0.2491, 0.2816
Android (android.graphics.Color)	4282935678 (0xFF48697E)
YUV	97.5270, 14.0372, -22.3872
Hunter-Lab	36.0378, -6.1548, -10.3758

Details

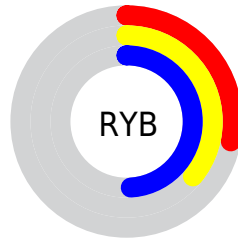
The Hex color **48697E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E5D48**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7B9CB3**, and **163A4D** is the 20% darker color. If you saturate the color by 10%, you get **3B647E**, and if you desaturate by 10%, it is **556E7E**.

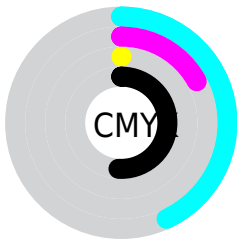
Distribution



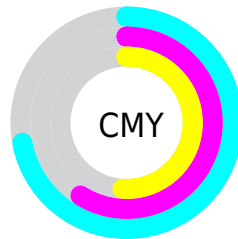
- Red (28%)
- Green (41%)
- Blue (49%)



- Red (28%)
- Yellow (36%)
- Blue (49%)



- Cyan (43%)
- Magenta (17%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48697E 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 48697E by changing the saturation by 10% instead.

■ 48697E

■ 48697E

FFFFFF

■ 2F5165

■ 7B9CB3

■ 163A4D

■ 96B7CE

■ 002436

■ B1D3EA

■ 000F21

■ CDEFFF

■ 000007

■ E9FFFF

■ 000000

■ 48697E

■ 48697E

■ 3B647E

■ 556E7E

■ 2F5F7E

■ 61737E

■ 225A7E

■ 6E787E

■ 16557E

■ 7A7D7E

■ 09507E

■ 87827E

■ 004D7E

■ 94867E

■ A08B7E

■ AD907E

■ B9957E

Harmonies

Analogous

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



3E6C76



48697E



5A6580

Triad

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



48697E



805B61



5C694F

Complementary

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



48697E



7E5D48

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.



6B654A



48697E



7F5D54

Square

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



48697E



7A5C6F



78614C



4C6C5B

Rectangle

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



48697E



66627D



78614C



61684D

Sweetspot

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



48697E



8E9BA3



487E5D



454D52



D1D1D1



525252

Same Dimension

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



48697E



5083A3



484E7E



393D40



004E80



000000

Inverse Universe

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



7E4869



A35083



7E7848



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 48697E 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

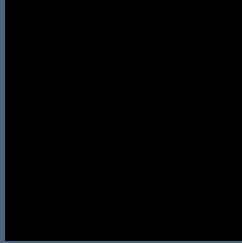
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

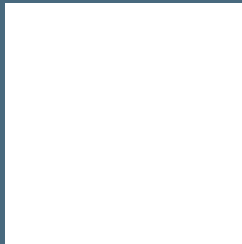
Any Text WCAG AAA × Fail

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

Hex 48697E Background



This preview shows how black text looks on a background with the Hex color 48697E.

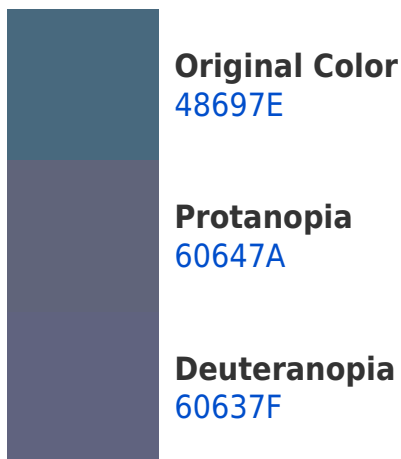



This preview shows how white text looks on a background with the Hex color 48697E.

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](#).

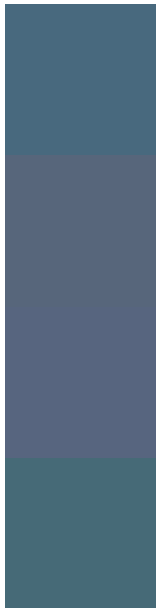
Dichromacy





Tritanopia
456B73

Trichromacy



Original Color
48697E

Protanomaly
57667B

Deuteranomaly
57657F

Tritanomaly
466A77

Monochromacy



Original Color
48697E

Achromatopsia
626262

Achromatomaly
59656C

CSS Examples

Text

The CSS property to change the color of the text to Hex 48697E 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 #48697E looks like.

```
.text, #text, p{  
    color:#48697E  
}
```

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 #48697E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48697E  
}
```

Border

The CSS property to change the border of an element to Hex 48697E 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  
#48697E }
```

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

```
.border{ border-color:#48697E }
```

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

Here you see how a box with a 4 pixel #48697E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48697E; -webkit-box-shadow:4px 4px  
4px 4px #48697E; box-shadow:4px 4px 4px  
4px #48697E }
```

Background

The CSS property to change the background color of an element to Hex 48697E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48697E }
```

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

```
.background{ background-color:#48697E }
```

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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