

Converting Colors

Hex(48667E)

Have a look what the booklet for
Hex(48667E) contains.

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Color

Hex(48667E)

Conversions

Conversions Part 1

Format	Color
Hex	48667E
RGB	72, 102, 126
RGB Percent	28%, 40%, 49%
CMY	0.7176, 0.6000, 0.5059
CMYK	0.43, 0.19, 0.00, 0.51
HSL	207°, 27%, 39%
HSV	207°, 43%, 49%
XYZ	11.1898, 12.3868, 21.5398
YIQ	95.7660, -25.5840, 1.1040

Conversions

Conversions Part 2

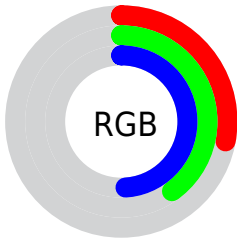
Format	Color
R_{YB}	72, 91, 126
Decimal	4744830
CIE _{Lab}	41.82, -4.19, -16.84
CIE _{LCh}	42, 17.351, 256.033
Yxy	12.3868, 0.2480, 0.2746
Android (android.graphics.Color)	4282934910 (0xFF48667E)
YUV	95.7660, 14.9054, -20.8428
Hunter-Lab	35.1949, -4.8394, -11.6499

Details

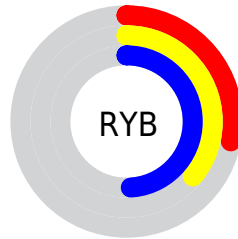
The Hex color **48667E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7E6048**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B99B3**, and **16374D** is the 20% darker color. If you saturate the color by 10%, you get **3B607E**, and if you desaturate by 10%, it is **556C7E**.

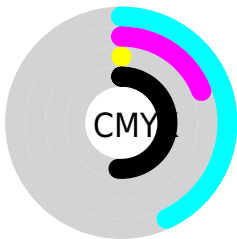
Distribution



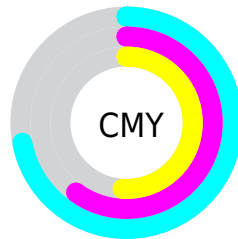
- Red (28%)
- Green (40%)
- Blue (49%)



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



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48667E 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 48667E by changing the saturation by 10% instead.

■ 48667E

■ 48667E

FFFFFF

■ 2F4E65

■ 7B99B3

■ 16374D

■ 95B4CE

■ 002236

■ B1CFEA

■ 000C21

■ CDEBFF

■ 000007

■ E9FFFF

■ 000000

■ 48667E

■ 48667E

■ 3B607E

■ 556C7E

■ 2F5B7E

■ 61717E

■ 22557E

■ 6E777E

■ 16507E

■ 7A7C7E

■ 094A7E

■ 87827E

■ 00467E

■ 94887E

■ A08D7E

■ AD937E

■ B9987E

Harmonies

Analogous

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



3A6977



48667E



5C617E

Triad

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



48667E



80585B



55684F

Complementary

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



48667E



7E6048

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.



656447



48667E



7D5B4F

Square

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



48667E



7B596A



735F47



456A5B

Rectangle

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



48667E



695E7A



735F47



5B674B

Sweetspot

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



48667E



8E9AA3



487E5F



454C52



D1D1D1



525252

Same Dimension

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



48667E



507EA3



484C7E



393D40



004780



000000

Inverse Universe

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



7E4866



A3507E



7E7A48



40393D



800047



000000

Previews

White Background



This preview shows how the Hex color 48667E looks on a white background.

Color Contrast Check

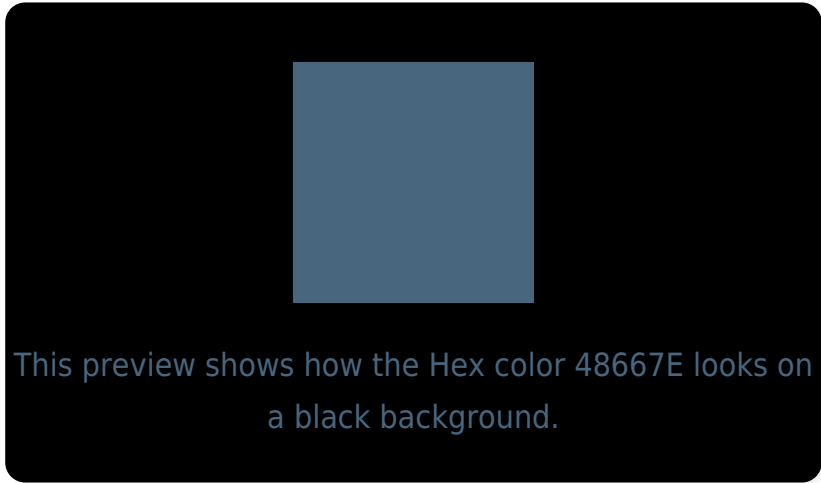
Large Text (above 18pt) WCAG AA ✓ Pass

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

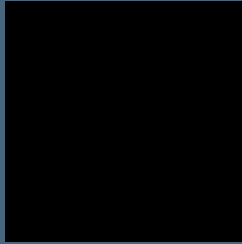
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

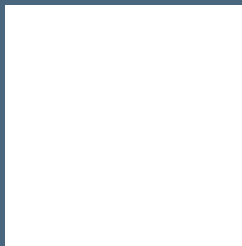
Any Text WCAG AAA × Fail

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

Hex 48667E Background



This preview shows how black text looks on a background with the Hex color 48667E.




This preview shows how white text looks on a background with the Hex color 48667E.

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
446871

Trichromacy



Original Color
48667E

Protanomaly
55637C

Deuteranomaly
55637F

Tritanomaly
456776

Monochromacy



Original Color
48667E

Achromatopsia
606060

Achromatomaly
57626B

CSS Examples

Text

The CSS property to change the color of the text to Hex 48667E 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 #48667E looks like.

```
.text, #text, p{  
    color:#48667E  
}
```

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 #48667E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48667E
}
```

Border

The CSS property to change the border of an element to Hex 48667E is called "border". The border property can be set on classes, ids or directly on the HTML element.

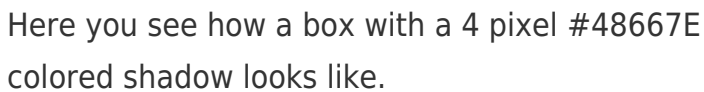
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48667E }
```

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

```
.border{ border-color:#48667E }
```

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



Here you see how a box with a 4 pixel #48667E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48667E; -webkit-box-shadow:4px 4px  
4px 4px #48667E; box-shadow:4px 4px 4px  
4px #48667E }
```

Background

The CSS property to change the background color of an element to Hex 48667E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48667E }
```

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

```
.background{ background-color:#48667E }
```

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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