

Converting Colors

Hex(48717D)

Have a look what the booklet for
Hex(48717D) contains.

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Color

Hex(48717D)

Conversions

Conversions Part 1

Format	Color
Hex	48717D
RGB	72, 113, 125
RGB Percent	28%, 44%, 49%
CMY	0.7176, 0.5569, 0.5098
CMYK	0.42, 0.10, 0.00, 0.51
HSL	194°, 27%, 39%
HSV	194°, 42%, 49%
XYZ	12.2793, 14.6686, 21.5862
YIQ	102.1090, -28.2880, -4.9600

Conversions

Conversions Part 2

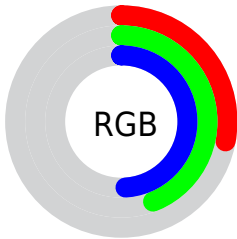
Format	Color
RYB	72, 95, 125
Decimal	4747645
CIELab	45.18, -10.93, -11.14
CIELCh	45, 15.607, 225.548
Yxy	14.6686, 0.2530, 0.3022
Android (android.graphics.Color)	4282937725 (0xFF48717D)
YUV	102.1090, 11.2853, -26.4056
Hunter-Lab	38.2997, -9.7954, -6.6068

Details

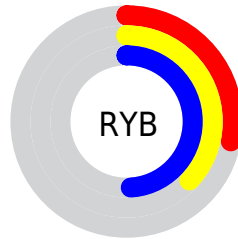
The Hex color **48717D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5448**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7BA5B2**, and **15414C** is the 20% darker color. If you saturate the color by 10%, you get **3B6E7D**, and if you desaturate by 10%, it is **54747D**.

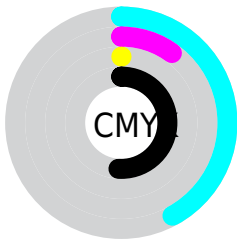
Distribution



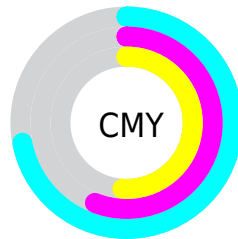
- Red (28%)
- Green (44%)
- Blue (49%)



- Red (28%)
- Yellow (37%)
- Blue (49%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48717D 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 48717D by changing the saturation by 10% instead.

■ 48717D

■ 48717D

FFFFFF

■ 2F5864

■ 7BA5B2

■ 15414C

■ 96C0CD

■ 002B35

■ B1DCE9

■ 001720

■ CDF8FF

■ 000007

■ EAFFFF

■ 000000

■ 48717D

■ 48717D

■ 3B6E7D

■ 54747D

■ 2F6B7D

■ 61777D

■ 22697D

■ 6E797D

■ 16667D

■ 7A7C7D

■ 09637D

■ 877F7D

■ 00617D

■ 93827D

■ A0857D

■ AC887D

■ B98A7D

Harmonies

Analogous

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



477271



48717D



546E84

Triad

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



48717D



816272



6E6C52

Complementary

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



48717D



7D5448

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.



7B6852



48717D



866264

Square

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



48717D



75657D



836459



5F7058

Rectangle

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



48717D



5F6B85



836459



726B51

Sweetspot

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



48717D



8E9EA3



487D53



454F52



D1D1D1



525252

Same Dimension

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



48717D



5090A3



48577D



393E40



006380



000000

Inverse Universe

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



7D4871



A35090



7D6E48



40393E



800063



000000

Previews

White Background



This preview shows how the Hex color 48717D looks on a white background.

Color Contrast Check

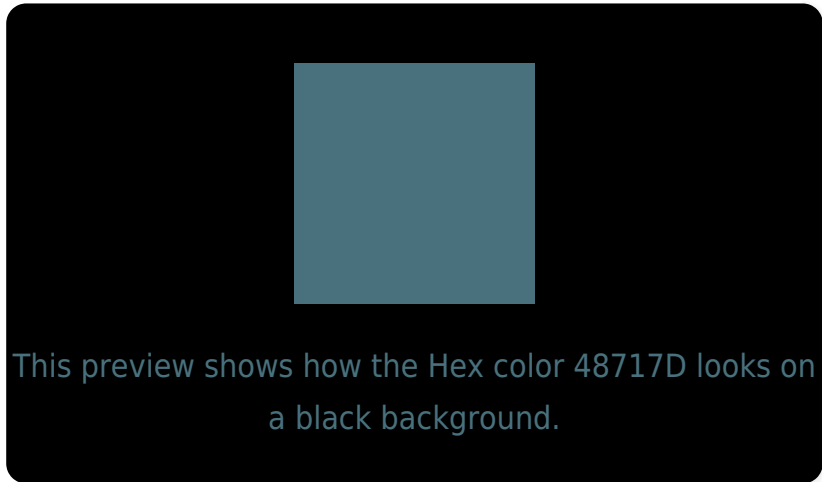
Large Text (above 18pt) WCAG AA ✓ Pass

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

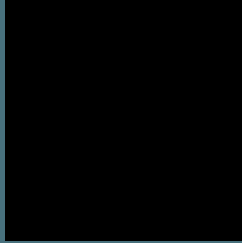
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

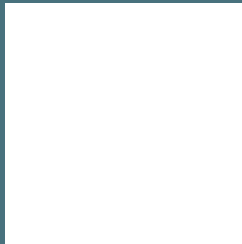
Any Text WCAG AAA × Fail

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

Hex 48717D Background



This preview shows how black text looks on a background with the Hex color 48717D.

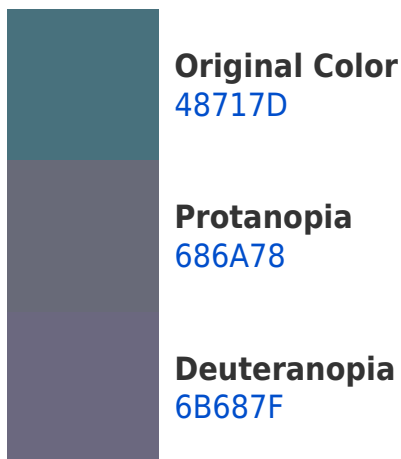


This preview shows how white text looks on a background with the Hex color 48717D.

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](#).

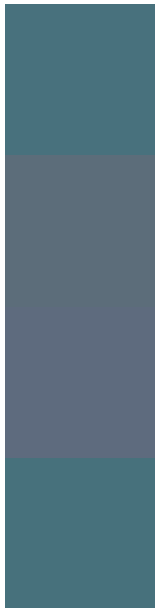
Dichromacy





Tritanopia
47717B

Trichromacy



Original Color
48717D

Protanomaly
5C6D7A

Deuteranomaly
5E6B7E

Tritanomaly
47717C

Monochromacy



Original Color
48717D

Achromatopsia
666666

Achromatomaly
5B6A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48717D 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 #48717D looks like.

```
.text, #text, p{  
    color:#48717D  
}
```

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 #48717D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48717D
}
```

Border

The CSS property to change the border of an element to Hex 48717D 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
#48717D }
```

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

```
.border{ border-color:#48717D }
```

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

Here you see how a box with a 4 pixel #48717D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48717D; -webkit-box-shadow:4px 4px  
4px 4px #48717D; box-shadow:4px 4px 4px  
4px #48717D }
```

Background

The CSS property to change the background color of an element to Hex 48717D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48717D }
```

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

```
.background{ background-color:#48717D }
```

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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