

Converting Colors

Hex(717786)

Have a look what the booklet for
Hex(717786) contains.

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Color

Hex(717786)

Conversions

Conversions Part 1

Format	Color
Hex	717786
RGB	113, 119, 134
RGB Percent	44%, 47%, 53%
CMY	0.5569, 0.5333, 0.4745
CMYK	0.16, 0.11, 0.00, 0.47
HSL	223°, 9%, 48%
HSV	223°, 16%, 53%
XYZ	17.7100, 18.4256, 25.1773
YIQ	118.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

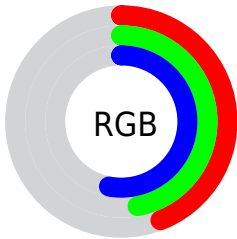
Format	Color
R_{YB}	113, 118, 134
Decimal	7436166
CIE _{Lab}	50.01, 1.06, -8.95
CIE _{LCh}	50, 9.013, 276.772
Yxy	18.4256, 0.2888, 0.3005
Android (android.graphics.Color)	4285626246 (0xFF717786)
YUV	118.9160, 7.4364, -5.1883
Hunter-Lab	42.9250, -1.4735, -4.7285

Details

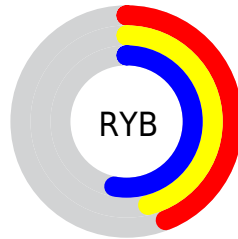
The Hex color **717786** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **868071**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A5ABBB**, and **414754** is the 20% darker color. If you saturate the color by 10%, you get **646D86**, and if you desaturate by 10%, it is **7E8186**.

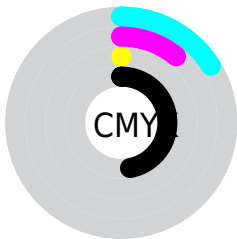
Distribution



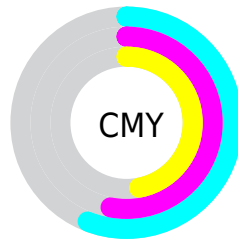
- Red (44%)
- Green (47%)
- Blue (53%)



- Red (44%)
- Yellow (46%)
- Blue (53%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (47%)



- Cyan (56%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717786 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 717786 by changing the saturation by 10% instead.

■ 717786

■ 717786

FFFFFF

■ 585E6D

■ A5ABBB

■ 414754

■ C0C6D7

■ 2B303D

■ DCE2F3

■ 161C27

■ F9FFFF

■ 000013

■ 000000

■ 717786

■ 717786

■ 646D86

■ 7E8186

■ 566486

■ 8C8A86

■ 495A86

■ 999486

■ 3B5186

■ A79D86

■ 2E4786

■ B4A786

■ 213E86

■ C1B086

■ 133486

■ CFBA86

■ 062A86

■ DCC486

■ 002686

■ EACD86

Harmonies

Analogous

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



687985



717786



7B7483

Triad

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



717786



87736E



6A7B71

Complementary

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



717786



868071

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.



73796B



717786



837469

Square

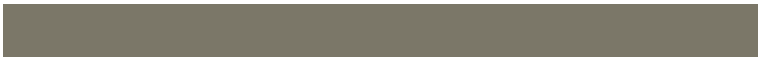
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



717786



877275



7B7768



657C78

Rectangle

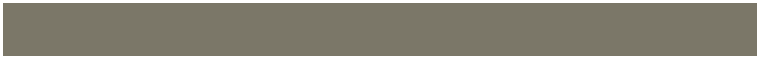
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



717786



80737F



7B7768



6D7B6E

Sweetspot

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



717786



A5A7AD



718680



515357



D6D6D6



575757

Same Dimension

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



717786



8C96AD



757186



3C3E42



002582



000103

Inverse Universe

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



867177



AD8C96



828671



423C3E



820025



030001

Previews

White Background



This preview shows how the Hex color 717786 looks on a white background.

Color Contrast Check

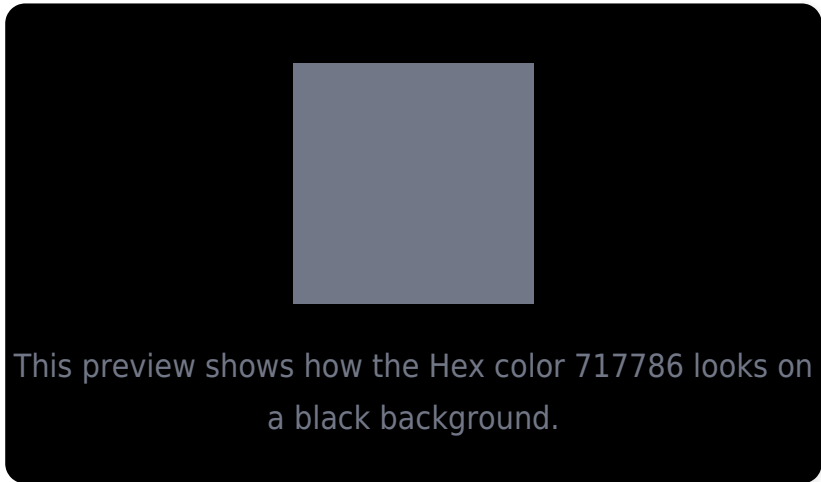
Large Text (above 18pt) WCAG AA ✓ Pass

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

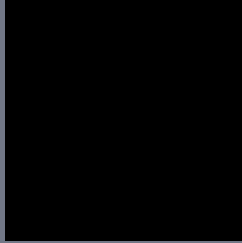
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

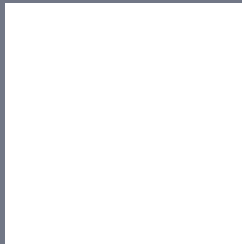
Any Text WCAG AAA × Fail

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

Hex 717786 Background



This preview shows how black text looks on a background with the Hex color 717786.

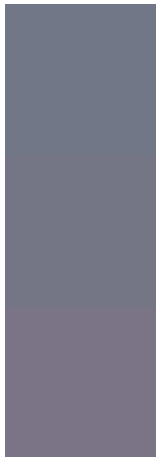


This preview shows how white text looks on a background with the Hex color 717786.

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



Original Color
717786

Protanopia
757685

Deuteranopia
7B7487



Tritanopia
707881

Trichromacy



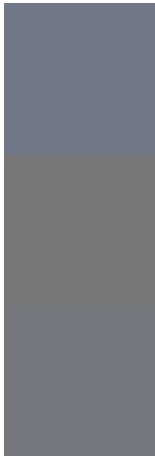
Original Color
717786

Protanomaly
747685

Deuteranomaly
777587

Tritanomaly
707883

Monochromacy



Original Color
717786

Achromatopsia
777777

Achromatomaly
75777C

CSS Examples

Text

The CSS property to change the color of the text to Hex 717786 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 #717786 looks like.

```
.text, #text, p{  
    color:#717786  
}
```

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 #717786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717786
}
```

Border

The CSS property to change the border of an element to Hex 717786 is called "border". The border property can be set on classes, ids or directly on the HTML element.

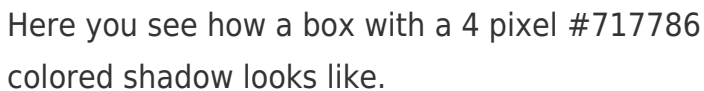
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#717786 }
```

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

```
.border{ border-color:#717786 }
```

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



Here you see how a box with a 4 pixel #717786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717786; -webkit-box-shadow:4px 4px  
4px 4px #717786; box-shadow:4px 4px 4px  
4px #717786 }
```

Background

The CSS property to change the background color of an element to Hex 717786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717786 }
```

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

```
.background{ background-color:#717786 }
```

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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