

Converting Colors

Hex(30717F)

Have a look what the booklet for
Hex(30717F) contains.

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Color

Hex(30717F)

Conversions

Conversions Part 1

Format	Color
Hex	30717F
RGB	48, 113, 127
RGB Percent	19%, 44%, 50%
CMY	0.8118, 0.5569, 0.5020
CMYK	0.62, 0.11, 0.00, 0.50
HSL	191°, 45%, 34%
HSV	191°, 62%, 50%
XYZ	10.9548, 13.9709, 22.1980
YIQ	95.1610, -43.2340, -9.4260

Conversions

Conversions Part 2

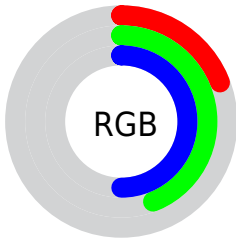
Format	Color
RYB	48, 84, 127
Decimal	3174783
CIELab	44.19, -16.12, -13.93
CIELCh	44, 21.304, 220.842
Yxy	13.9709, 0.2325, 0.2965
Android (android.graphics.Color)	4281364863 (0xFF30717F)
YUV	95.1610, 15.6966, -41.3602
Hunter-Lab	37.3777, -13.0955, -9.0469

Details

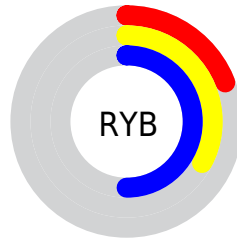
The Hex color **30717F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F3E30**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **67A5B4**, and **00414E** is the 20% darker color. If you saturate the color by 10%, you get **236F7F**, and if you desaturate by 10%, it is **3D737F**.

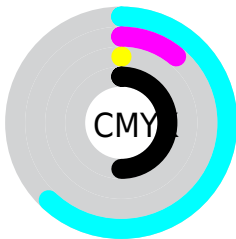
Distribution



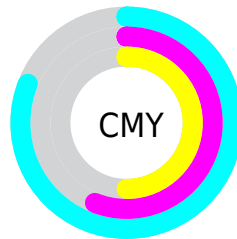
- Red (19%)
- Green (44%)
- Blue (50%)



- Red (19%)
- Yellow (33%)
- Blue (50%)



- Cyan (62%)
- Magenta (11%)
- Yellow (0%)
- Black (50%)



- Cyan (81%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30717F 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 30717F by changing the saturation by 10% instead.

■ 30717F

■ 30717F

FFFFFF

■ 0E5866

■ 67A5B4

■ 00414E

■ 82C0CF

■ 002B37

■ 9DDCEC

■ 001822

■ B9F9FF

■ 00000A

■ D6FFFF

■ 000000

■ F3FFFF

■ 30717F

■ 30717F

■ 236F7F

■ 3D737F

■ 176C7F

■ 49767F

■ 0A6A7F

■ 56787F

■ 00687F

■ 637A7F

■ 707C7F

■ 7C7F7F

■ 89817F

■ 96837F

■ A2857F

Harmonies

Analogous

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



34726E



30717F



416D89

Triad

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



30717F



845D75



6E6946

Complementary

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



30717F



7F3E30

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.



7F6347



30717F



8C5B63

Square

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



30717F



736283



895E52



5B6E4D

Rectangle

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



30717F



526A8C



895E52



746845

Sweetspot

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



30717F



86A0A6



307F3D



415154



D4D4D4



545454

Same Dimension

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



30717F



2990A6



304A7F



393F40



006980



000000

Inverse Universe

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



7F3071



A62990



7F6530



40393F



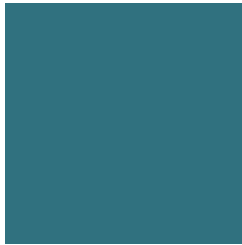
800069



000000

Previews

White Background



This preview shows how the Hex color 30717F looks on a white background.

Color Contrast Check

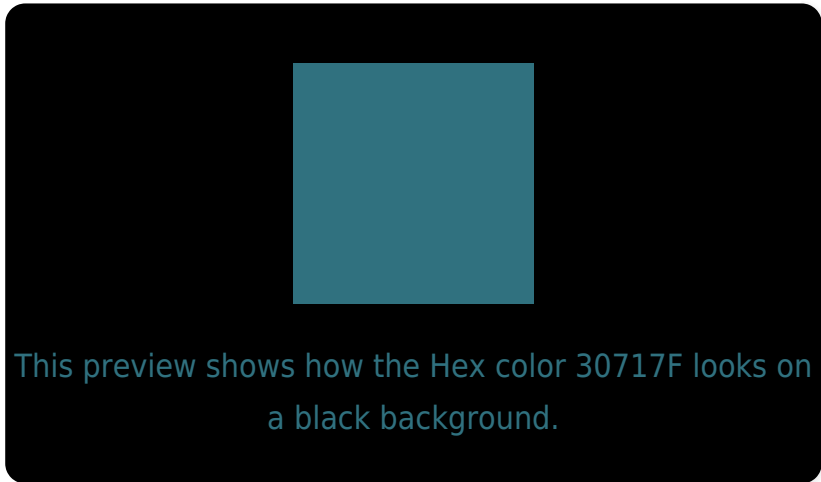
Large Text (above 18pt) WCAG AA ✓ Pass

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

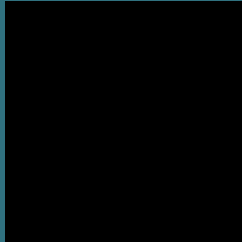
Any Text WCAG AA × Fail

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 30717F Background



This preview shows how black text looks on a background with the Hex color 30717F.

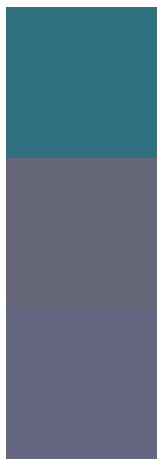


This preview shows how white text looks on a background with the Hex color 30717F.

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
30717F

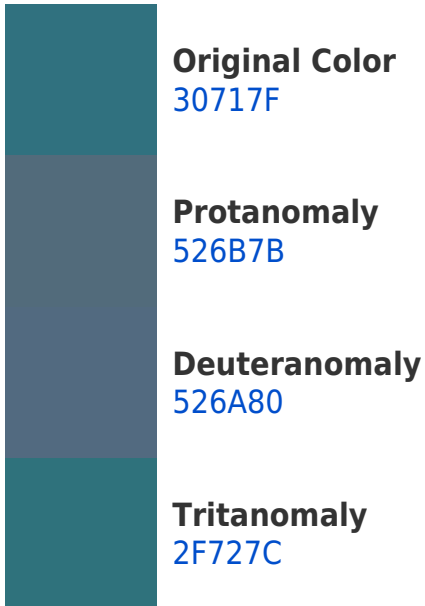
Protanopia
656778

Deuteranopia
656681

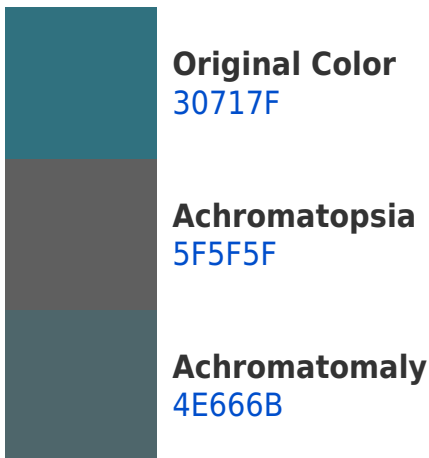


Tritanopia
2E727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30717F 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 #30717F looks like.

```
.text, #text, p{  
    color:#30717F  
}
```

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 #30717F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30717F
}
```

Border

The CSS property to change the border of an element to Hex 30717F 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
#30717F }
```

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

```
.border{ border-color:#30717F }
```

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

Here you see how a box with a 4 pixel #30717F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30717F; -webkit-box-shadow:4px 4px  
4px 4px #30717F; box-shadow:4px 4px 4px  
4px #30717F }
```

Background

The CSS property to change the background color of an element to Hex 30717F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30717F }
```

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

```
.background{ background-color:#30717F }
```

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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