

Converting Colors

Hex(33717F)

Have a look what the booklet for
Hex(33717F) contains.

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Color

Hex(33717F)

Conversions

Conversions Part 1

Format	Color
Hex	33717F
RGB	51, 113, 127
RGB Percent	20%, 44%, 50%
CMY	0.8000, 0.5569, 0.5020
CMYK	0.60, 0.11, 0.00, 0.50
HSL	191°, 43%, 35%
HSV	191°, 60%, 50%
XYZ	11.1011, 14.0464, 22.2048
YIQ	96.0580, -41.4460, -8.7900

Conversions

Conversions Part 2

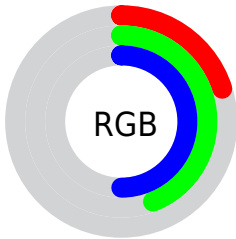
Format	Color
RYB	51, 85, 127
Decimal	3371391
CIELab	44.30, -15.50, -13.76
CIElCh	44, 20.728, 221.585
Yxy	14.0464, 0.2344, 0.2966
Android (android.graphics.Color)	4281561471 (0xFF33717F)
YUV	96.0580, 15.2544, -39.5159
Hunter-Lab	37.4785, -12.7156, -8.8925




Details

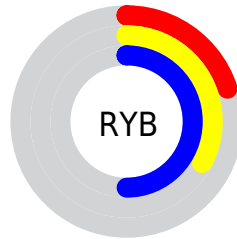
The Hex color **33717F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F4133**, and the grayscale version is **606060**.



A 20% lighter version of the original color is **69A5B4**, and **00414E** is the 20% darker color. If you saturate the color by 10%, you get **266F7F**, and if you desaturate by 10%, it is **40737F**.

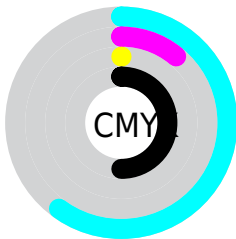
Distribution







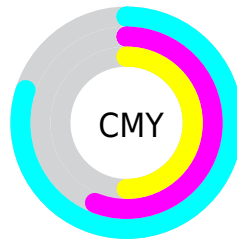
-  Red (20%)
-  Green (44%)
-  Blue (50%)






-  Red (20%)
-  Yellow (33%)
-  Blue (50%)



-  Cyan (60%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (80%)
-  Magenta (56%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33717F 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 33717F by changing the saturation by 10% instead.

■ 33717F

■ 33717F

FFFFFF

■ 145866

■ 69A5B4

■ 00414E

■ 84C0CF

■ 002B37

■ A0DCEC

■ 001822

■ BCF9FF

■ 00000A

■ D8FFFF

■ 000000

■ F5FFFF

■ 33717F

■ 33717F

■ 266F7F

■ 40737F

■ 1A6C7F

■ 4C767F

■ 0D6A7F

■ 59787F

■ 00687F

■ 667A7F

■ 737D7F

■ 7F7F7F

■ 8C817F

■ 99847F

■ A5867F

Harmonies

Analogous

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



36726F



33717F



436D89

Triad

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



33717F



845D74



6E6A47

Complementary

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



33717F



7F4133

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.



7E6448



33717F



8B5C63

Square

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



33717F



746283



895F53



5B6F4F

Rectangle

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



33717F



546A8B



895F53



746846

Sweetspot

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



33717F



88A0A6



337F41



425154



D4D4D4



545454

Same Dimension

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



33717F



2E90A6



334B7F



393F40



006880



000000

Inverse Universe

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



7F3371



A62E90



7F6733



40393F



800068



000000

Previews

White Background



This preview shows how the Hex color 33717F looks on a white background.

Color Contrast Check

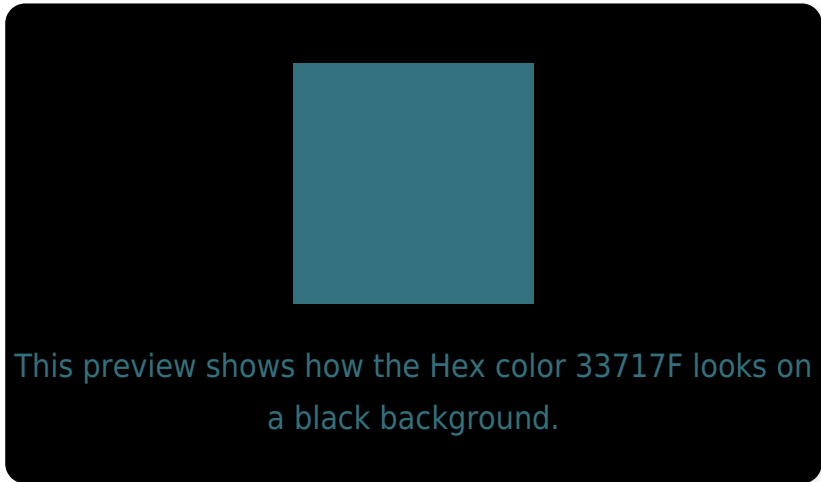
Large Text (above 18pt) WCAG AA ✓ Pass

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

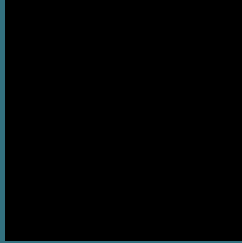
Any Text WCAG AA × Fail

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 33717F Background



This preview shows how black text looks on a background with the Hex color 33717F.

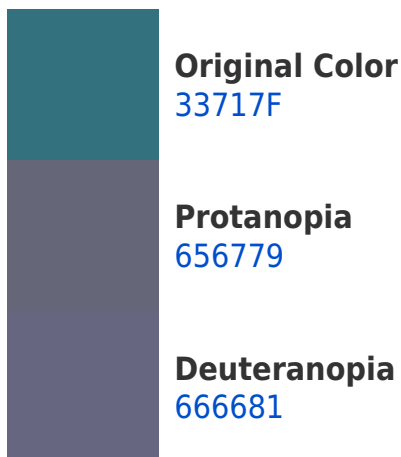


This preview shows how white text looks on a background with the Hex color 33717F.

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
31727B

Trichromacy



Original Color
33717F

Protanomaly
536B7B

Deuteranomaly
536A80

Tritanomaly
32727C

Monochromacy



Original Color
33717F

Achromatopsia
606060

Achromatomaly
50666B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33717F 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 #33717F looks like.

```
.text, #text, p{  
    color:#33717F  
}
```

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 #33717F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33717F
}
```

Border

The CSS property to change the border of an element to Hex 33717F 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
#33717F }
```

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

```
.border{ border-color:#33717F }
```

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

Here you see how a box with a 4 pixel #33717F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33717F; -webkit-box-shadow:4px 4px  
4px 4px #33717F; box-shadow:4px 4px 4px  
4px #33717F }
```

Background

The CSS property to change the background color of an element to Hex 33717F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33717F }
```

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

```
.background{ background-color:#33717F }
```

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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