

Converting Colors

Hex(33787A)

Have a look what the booklet for
Hex(33787A) contains.

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Color

Hex(33787A)

Conversions

Conversions Part 1

Format	Color
Hex	33787A
RGB	51, 120, 122
RGB Percent	20%, 47%, 48%
CMY	0.8000, 0.5294, 0.5216
CMYK	0.58, 0.02, 0.00, 0.52
HSL	182°, 41%, 34%
HSV	182°, 58%, 48%
XYZ	11.5946, 15.5419, 20.8011
YIQ	99.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

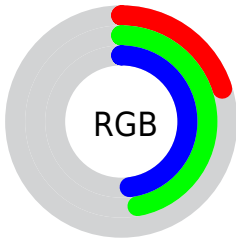
Format	Color
RYB	51, 86, 122
Decimal	3373178
CIELab	46.37, -20.85, -7.66
CIELCh	46, 22.212, 200.165
Yxy	15.5419, 0.2419, 0.3242
Android (android.graphics.Color)	4281563258 (0xFF33787A)
YUV	99.5970, 11.0447, -42.6196
Hunter-Lab	39.4232, -16.4929, -3.6874

Details

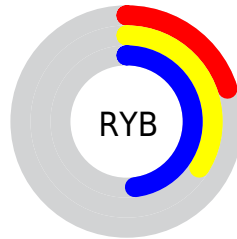
The Hex color **33787A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3533**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **69ADAE**, and **004749** is the 20% darker color. If you saturate the color by 10%, you get **27787A**, and if you desaturate by 10%, it is **3F787A**.

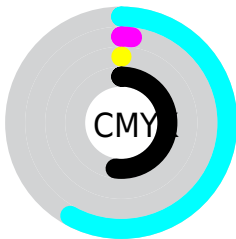
Distribution



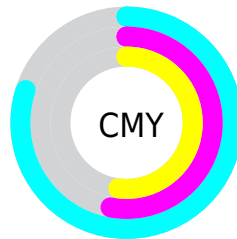
- Red (20%)
- Green (47%)
- Blue (48%)



- Red (20%)
- Yellow (34%)
- Blue (48%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (52%)



- Cyan (80%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33787A 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 33787A by changing the saturation by 10% instead.

■ 33787A

■ 33787A

FFFFFF

■ 135F61

■ 69ADAE

■ 004749

■ 84C8CA

■ 003033

■ A0E4E6

■ 001D1E

■ BCFFFF

■ 000003

■ D8FFFF

■ 000000

■ F6FFFF

■ 33787A

■ 33787A

■ 27787A

■ 3F787A

■ 1B777A

■ 4B797A

■ 0E777A

■ 58797A

■ 02777A

■ 64797A

■ 00777A

■ 707A7A

■ 7C7A7A

■ 887A7A

■ 957B7A

■ A17B7A

Harmonies

Analogous

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



437867



33787A



36768A

Triad

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



33787A



806586



816B49

Complementary

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



33787A



7A3533

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.



8E6452



33787A



8F6175

Square

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



33787A



686B91



936062



6E714B

Rectangle

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



33787A



437390



936062



86684B

Sweetspot

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



33787A



839D9E



337A34



3F4F4F



CFCFCF



4F4F4F

Same Dimension

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



33787A



2F9B9E



33557A



373D3D



00797D



00F5FC

Inverse Universe

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



7A3378



9E2F9B



7A5833



3D373D



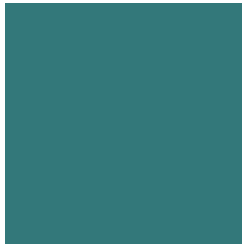
7D0079



FC00F5

Previews

White Background



This preview shows how the Hex color 33787A looks on a white background.

Color Contrast Check

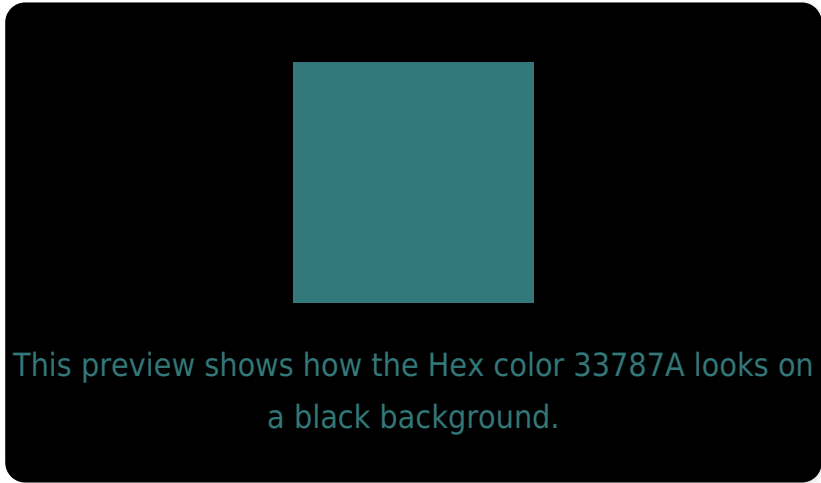
Large Text (above 18pt) WCAG AA ✓ Pass

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

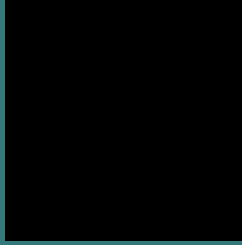
Any Text WCAG AA × Fail

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 33787A Background



This preview shows how black text looks on a background with the Hex color 33787A.

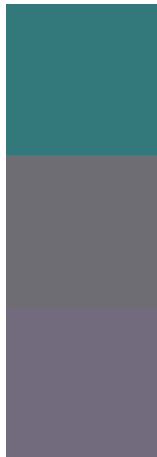


This preview shows how white text looks on a background with the Hex color 33787A.

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
33787A

Protanopia
6E6D73

Deuteranopia
716B7D



Tritanopia
367781

Trichromacy



Original Color
33787A

Protanomaly
597176

Deuteranomaly
5A707C

Tritanomaly
35777E

Monochromacy



Original Color
33787A

Achromatopsia
646464

Achromatomaly
526B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 33787A 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 #33787A looks like.

```
.text, #text, p{  
    color:#33787A  
}
```

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 #33787A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33787A
}
```

Border

The CSS property to change the border of an element to Hex 33787A 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
#33787A }
```

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

```
.border{ border-color:#33787A }
```

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

Here you see how a box with a 4 pixel #33787A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33787A; -webkit-box-shadow:4px 4px  
4px 4px #33787A; box-shadow:4px 4px 4px  
4px #33787A }
```

Background

The CSS property to change the background color of an element to Hex 33787A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33787A }
```

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

```
.background{ background-color:#33787A }
```

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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