

Converting Colors

Hex(37798D)

Have a look what the booklet for
Hex(37798D) contains.

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Color

Hex(37798D)

Conversions

Conversions Part 1

Format	Color
Hex	37798D
RGB	55, 121, 141
RGB Percent	22%, 47%, 55%
CMY	0.7843, 0.5255, 0.4471
CMYK	0.61, 0.14, 0.00, 0.45
HSL	194°, 44%, 38%
HSV	194°, 61%, 55%
XYZ	13.2206, 16.4101, 27.6700
YIQ	103.5460, -45.7560, -7.7720

Conversions

Conversions Part 2

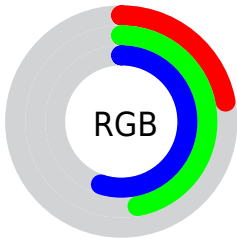
Format	Color
R _{YB}	55, 92, 141
Decimal	3635597
CIE Lab	47.51, -14.68, -17.18
CIE LCh	48, 22.599, 229.501
Yxy	16.4101, 0.2307, 0.2864
Android (android.graphics.Color)	4281825677 (0xFF37798D)
YUV	103.5460, 18.4648, -42.5748
Hunter-Lab	40.5093, -12.6360, -12.1416

Details

The Hex color **37798D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D4B37**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6EADC3**, and **00485B** is the 20% darker color. If you saturate the color by 10%, you get **29768D**, and if you desaturate by 10%, it is **457C8D**.

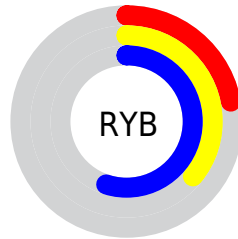
Distribution



 Red (22%)

 Green (47%)

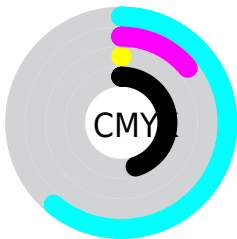
 Blue (55%)




 Red (22%)

 Yellow (36%)

 Blue (55%)

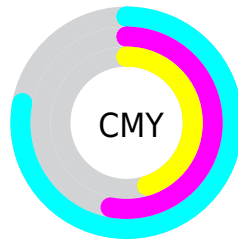


 Cyan (61%)


 Magenta (14%)

 Yellow (0%)

 Black (45%)



 Cyan (78%)

 Magenta (53%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37798D 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 37798D by changing the saturation by 10% instead.

■ 37798D

■ 37798D

FFFFFF

■ 176073

■ 6EADC3

■ 00485B

■ 8AC9DF

■ 003243

■ A6E5FB

■ 001D2D

■ C2FFFF

■ 000119

■ DFFFFF

■ 000000

■ FFFFFF

■ 37798D

■ 37798D

■ 29768D

■ 457C8D

■ 1B728D

■ 53808D

■ 0D6F8D

■ 61838D

■ 006C8D

■ 6F868D

■ 7E898D

■ 8C8D8D

■ 9A908D

■ A8938D

■ B6978D

Harmonies

Analogous

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



357B7D



37798D



4E7596

Triad

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



37798D



926378



71734C

Complementary

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



37798D



8D4B37

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.



846D4B



37798D



976365

Square

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



37798D



82688A



926755



5C7857

Rectangle

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



37798D



617096



926755



78714B

Sweetspot

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



37798D



97B0B8



378D4A



48575C



DBDBDB



5C5C5C

Same Dimension

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



37798D



3298B8



374F8D



404647



006887



000608

Inverse Universe

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



8D3779



B83298



8D7537



474046



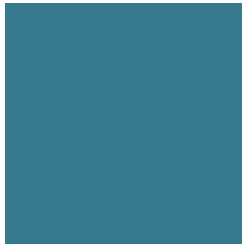
870068



080006

Previews

White Background



This preview shows how the Hex color 37798D looks on a white background.

Color Contrast Check

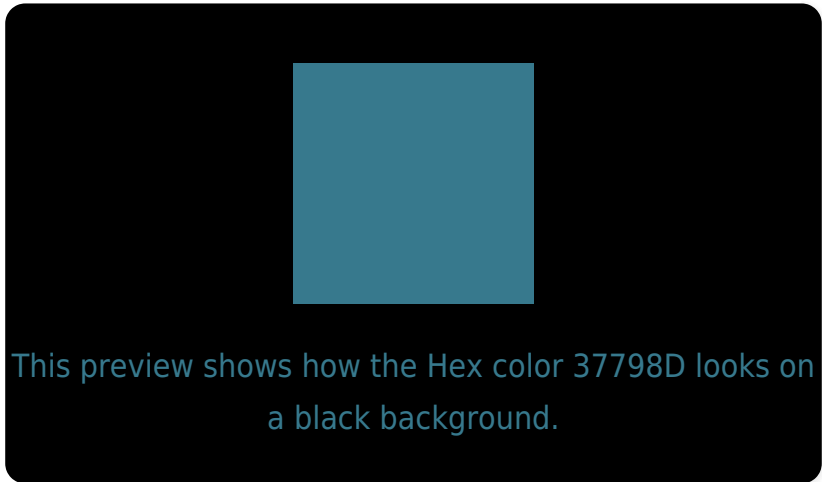
Large Text (above 18pt) WCAG AA ✓ Pass

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

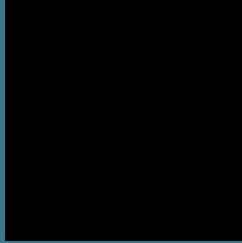
Any Text WCAG AA × Fail

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 37798D Background



This preview shows how black text looks on a background with the Hex color 37798D.

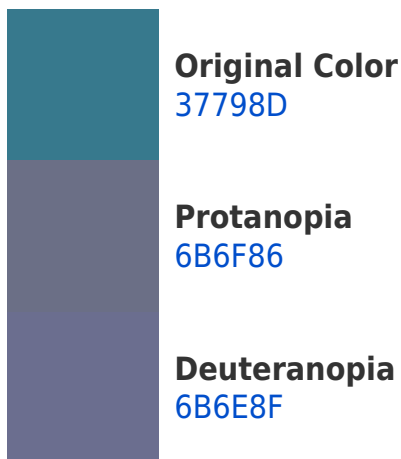


This preview shows how white text looks on a background with the Hex color 37798D.

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
337A84

Trichromacy



Original Color
37798D

Protanomaly
587389

Deuteranomaly
58728E

Tritanomaly
347A87

Monochromacy



Original Color
37798D

Achromatopsia
686868

Achromatomaly
566E75

CSS Examples

Text

The CSS property to change the color of the text to Hex 37798D 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 #37798D looks like.

```
.text, #text, p{  
    color:#37798D  
}
```

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 #37798D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37798D
}
```

Border

The CSS property to change the border of an element to Hex 37798D 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
#37798D }
```

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

```
.border{ border-color:#37798D }
```

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

Here you see how a box with a 4 pixel #37798D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37798D; -webkit-box-shadow:4px 4px  
4px 4px #37798D; box-shadow:4px 4px 4px  
4px #37798D }
```

Background

The CSS property to change the background color of an element to Hex 37798D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37798D }
```

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

```
.background{ background-color:#37798D }
```

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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