

Converting Colors

Hex(36797A)

Have a look what the booklet for
Hex(36797A) contains.

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Color

Hex(36797A)

Conversions

Conversions Part 1

Format	Color
Hex	36797A
RGB	54, 121, 122
RGB Percent	21%, 47%, 48%
CMY	0.7882, 0.5255, 0.5216
CMYK	0.56, 0.01, 0.00, 0.52
HSL	181°, 39%, 35%
HSV	181°, 56%, 48%
XYZ	11.8715, 15.8642, 20.8487
YIQ	101.0810, -40.2530, -13.8930

Conversions

Conversions Part 2

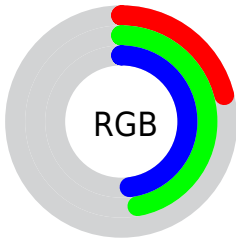
Format	Color
R_{YB}	54, 88, 122
Decimal	3570042
CIE _{Lab}	46.80, -20.74, -7.01
CIE _{LCh}	47, 21.889, 198.670
Yxy	15.8642, 0.2443, 0.3265
Android (android.graphics.Color)	4281760122 (0xFF36797A)
YUV	101.0810, 10.3131, -41.2900
Hunter-Lab	39.8298, -16.4991, -3.1542




Details

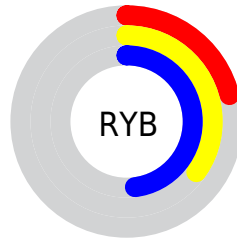
The Hex color **36797A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3736**, and the grayscale version is **656565**.




A 20% lighter version of the original color is **6CAEAE**, and **004849** is the 20% darker color. If you saturate the color by 10%, you get **2A797A**, and if you desaturate by 10%, it is **42797A**.

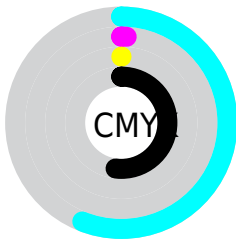
Distribution







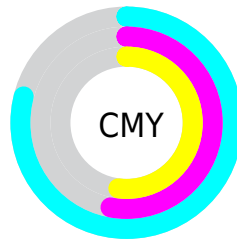
-  Red (21%)
-  Green (47%)
-  Blue (48%)






-  Red (21%)
-  Yellow (35%)
-  Blue (48%)



-  Cyan (56%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (52%)



-  Cyan (79%)
-  Magenta (53%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36797A 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 36797A by changing the saturation by 10% instead.

 36797A

 36797A

FFFFFF

 186061

 6CAEAE

 004849

 87C9CA

 003133

 A2E5E6

 001E1E

 BEFFFF

 000004

 DBFFFF

 000000

 F8FFFF

 36797A

 36797A

 2A797A

 42797A

■ 1E797A

■ 4E797A

■ 11787A

■ 5B7A7A

■ 05787A

■ 677A7A

■ 00787A

■ 737A7A

■ 7F7A7A

■ 8B7A7A

■ 987A7A

■ A47B7A

Harmonies

Analogous

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



467967



36797A



38778A

Triad

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



36797A



7F6687



826B4B

Complementary

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



36797A



7A3736

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.



8F6554



36797A



8F6277

Square

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



36797A



686D92



946264



70714C

Rectangle

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



36797A



447491



946264



87694D

Sweetspot

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



36797A



839E9E



367A36



3F4F4F



CFCFCF



4F4F4F

Same Dimension

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



36797A



349D9E



36587A



373D3D



007B7D



00F9FC

Inverse Universe

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



7A3679



9E349D



7A5836



3D373D



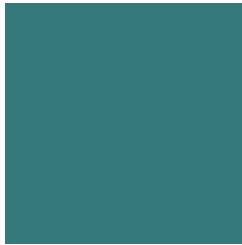
7D007B



FC00F9

Previews

White Background



This preview shows how the Hex color 36797A looks on a white background.

Color Contrast Check

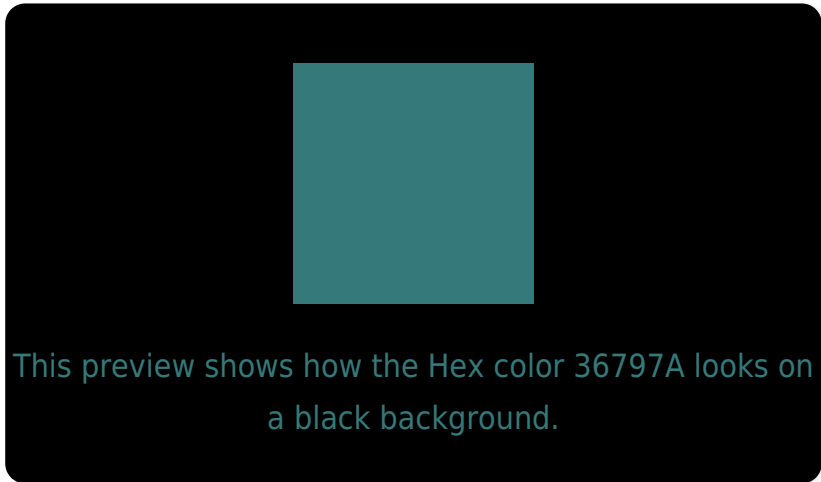
Large Text (above 18pt) WCAG AA ✓ Pass

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

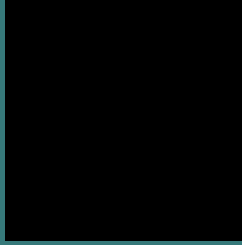
Any Text WCAG AA × Fail

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 36797A Background



This preview shows how black text looks on a background with the Hex color 36797A.



This preview shows how white text looks on a background with the Hex color 36797A.

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



Trichromacy



Original Color
36797A

Protanomaly
5A7276

Deuteranomaly
5C717C

Tritanomaly
38787F

Monochromacy



Original Color
36797A

Achromatopsia
656565

Achromatomaly
546C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 36797A 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 #36797A looks like.

```
.text, #text, p{  
    color:#36797A  
}
```

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 #36797A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36797A
}
```

Border

The CSS property to change the border of an element to Hex 36797A 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
#36797A }
```

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

```
.border{ border-color:#36797A }
```

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

Here you see how a box with a 4 pixel #36797A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36797A; -webkit-box-shadow:4px 4px  
4px 4px #36797A; box-shadow:4px 4px 4px  
4px #36797A }
```

Background

The CSS property to change the background color of an element to Hex 36797A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36797A }
```

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

```
.background{ background-color:#36797A }
```

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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