

Converting Colors

Hex(32777A)

Have a look what the booklet for
Hex(32777A) contains.

Hex(32777A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(32777A)

Conversions

Conversions Part 1

Format	Color
Hex	32777A
RGB	50, 119, 122
RGB Percent	20%, 47%, 48%
CMY	0.8039, 0.5333, 0.5216
CMYK	0.59, 0.02, 0.00, 0.52
HSL	182°, 42%, 34%
HSV	182°, 59%, 48%
XYZ	11.4251, 15.2769, 20.7589
YIQ	98.7110, -42.0870, -13.6950

Conversions

Conversions Part 2

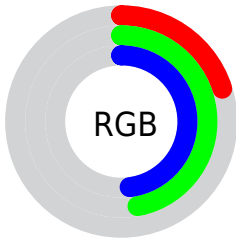
Format	Color
R_{YB}	50, 85, 122
Decimal	3307386
CIE _{Lab}	46.01, -20.53, -8.19
CIE _{LCh}	46, 22.103, 201.759
Yxy	15.2769, 0.2407, 0.3219
Android (android.graphics.Color)	4281497466 (0xFF32777A)
YUV	98.7110, 11.4815, -42.7195
Hunter-Lab	39.0857, -16.2229, -4.1297




Details

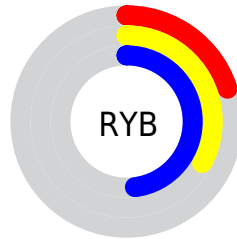
The Hex color **32777A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A3532**, and the grayscale version is **636363**.




A 20% lighter version of the original color is **68ABAE**, and **004649** is the 20% darker color. If you saturate the color by 10%, you get **26767A**, and if you desaturate by 10%, it is **3E787A**.

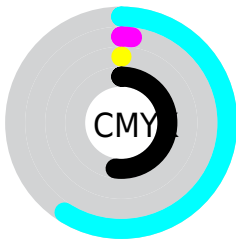
Distribution







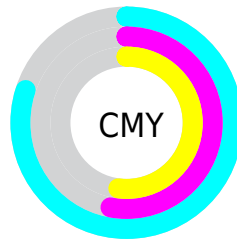
-  Red (20%)
-  Green (47%)
-  Blue (48%)






-  Red (20%)
-  Yellow (33%)
-  Blue (48%)



-  Cyan (59%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 32777A 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 32777A by changing the saturation by 10% instead.

 32777A

 32777A

FFFFFF

 125E61

 68ABAE

 004649

 83C7CA

 002F33

 9FE3E6

 001C1E

 BBFFFF

 000003

 D8FFFF

 000000

 F5FFFF

 32777A

 32777A

 26767A

 3E787A

■ 1A767A

■ 4A787A

■ 0D757A

■ 57797A

■ 01757A

■ 63797A

■ 00757A

■ 6F7A7A

■ 7B7A7A

■ 877B7A

■ 947B7A

■ A07C7A

Harmonies

Analogous

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



417767



32777A



367589

Triad

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



32777A



806484



7F6A48

Complementary

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



32777A



7A3532

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.



8C6451



32777A



8E6073

Square

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



32777A



696A8F



926060



6C704A

Rectangle

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



32777A



447290



926060



84684A

Sweetspot

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



32777A



829D9E



327A34



3E4E4F



CFCFCF



4F4F4F

Same Dimension

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



32777A



2E999E



32547A



373D3D



00787D



00F2FC

Inverse Universe

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



7A3277



9E2E99



7A5832



3D373D



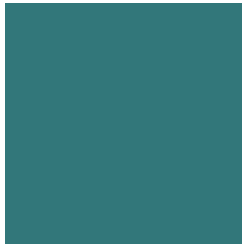
7D0078



FC00F2

Previews

White Background



This preview shows how the Hex color 32777A looks on a white background.

Color Contrast Check

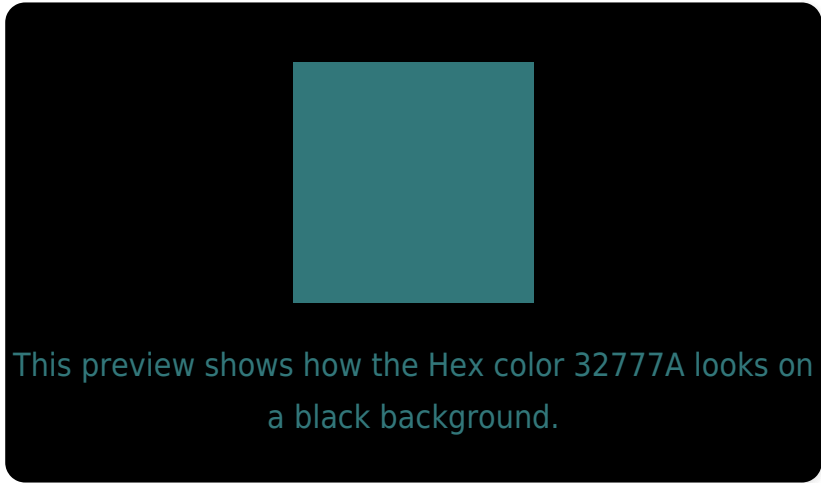
Large Text (above 18pt) WCAG AA ✓ Pass

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

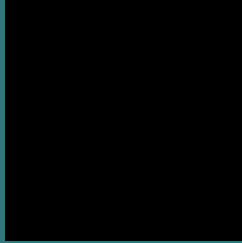
Any Text WCAG AA × Fail

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 32777A Background



This preview shows how black text looks on a background with the Hex color 32777A.



This preview shows how white text looks on a background with the Hex color 32777A.

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
347680

Trichromacy



Original Color
32777A

Protanomaly
577076

Deuteranomaly
596F7C

Tritanomaly
33767E

Monochromacy



Original Color
32777A

Achromatopsia
636363

Achromatomaly
516A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 32777A 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 #32777A looks like.

```
.text, #text, p{  
    color:#32777A  
}
```

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 #32777A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32777A
}
```

Border

The CSS property to change the border of an element to Hex 32777A 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
#32777A }
```

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

```
.border{ border-color:#32777A }
```

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

Here you see how a box with a 4 pixel #32777A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32777A; -webkit-box-shadow:4px 4px  
4px 4px #32777A; box-shadow:4px 4px 4px  
4px #32777A }
```

Background

The CSS property to change the background color of an element to Hex 32777A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32777A }
```

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

```
.background{ background-color:#32777A }
```

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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