

Converting Colors

Hex(32877C)

Have a look what the booklet for
Hex(32877C) contains.

Hex(32877C)	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(32877C)

Conversions

Conversions Part 1

Format	Color
Hex	32877C
RGB	50, 135, 124
RGB Percent	20%, 53%, 49%
CMY	0.8039, 0.4706, 0.5137
CMYK	0.63, 0.00, 0.08, 0.47
HSL	172°, 46%, 36%
HSV	172°, 63%, 53%
XYZ	13.6175, 19.4613, 22.1075
YIQ	108.3310, -47.1290, -21.4410

Conversions

Conversions Part 2

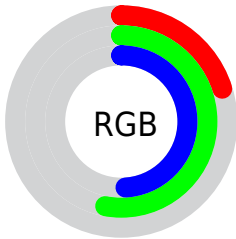
Format	Color
RYB	50, 95, 135
Decimal	3311484
CIELab	51.22, -28.12, -1.65
CIELCh	51, 28.170, 183.356
Yxy	19.4613, 0.2468, 0.3526
Android (android.graphics.Color)	4281501564 (0xFF32877C)
YUV	108.3310, 7.7248, -51.1563
Hunter-Lab	44.1150, -22.1016, 1.1683

Details

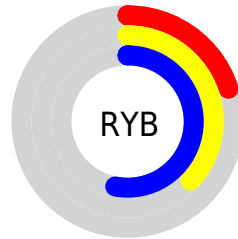
The Hex color **32877C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **87323D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6ABDB0**, and **00554B** is the 20% darker color. If you saturate the color by 10%, you get **25877A**, and if you desaturate by 10%, it is **3F877E**.

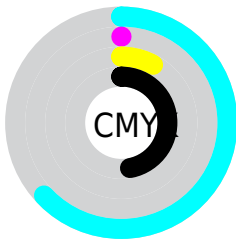
Distribution



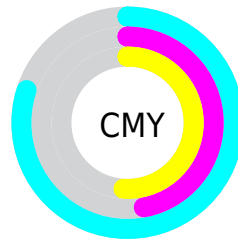
- Red (20%)
- Green (53%)
- Blue (49%)



- Red (20%)
- Yellow (37%)
- Blue (53%)



- Cyan (63%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32877C 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 32877C by changing the saturation by 10% instead.



32877C



32877C

FFFFFF



0D6D63



6ABDB0



00554B



86D9CC



003D35



A2F5E8



002720



BEFFFF



000908



DBFFFF



000000



F9FFFF



32877C



32877C



25877A



3F877E

■ 178779

■ 4D877F

■ 0A8777

■ 5B8781

■ 008776

■ 688783

■ 768785

■ 838786

■ 918788

■ 9E878A

■ AC878C

Harmonies

Analogous

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



518564



32877C



1C8694

Triad

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



32877C



8073A2



9C7150

Complementary

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



32877C



87323D

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.



A86A61



32877C



9B6B90

Square

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



32877C



5C7BAA



A86778



87794A

Rectangle

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



32877C



2884A0



A86778



A16E54

Sweetspot

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



32877C



8FB0AC



3D8732



455957



D9D9D9



595959

Same Dimension

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



32877C



2AB09F



326887



3C4241



008271



000302

Inverse Universe

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



87323D



B02A3C



875132



423C3D



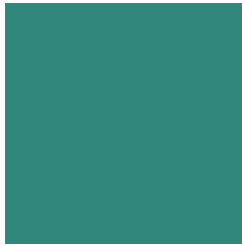
820011



030000

Previews

White Background



This preview shows how the Hex color 32877C looks on a white background.

Color Contrast Check

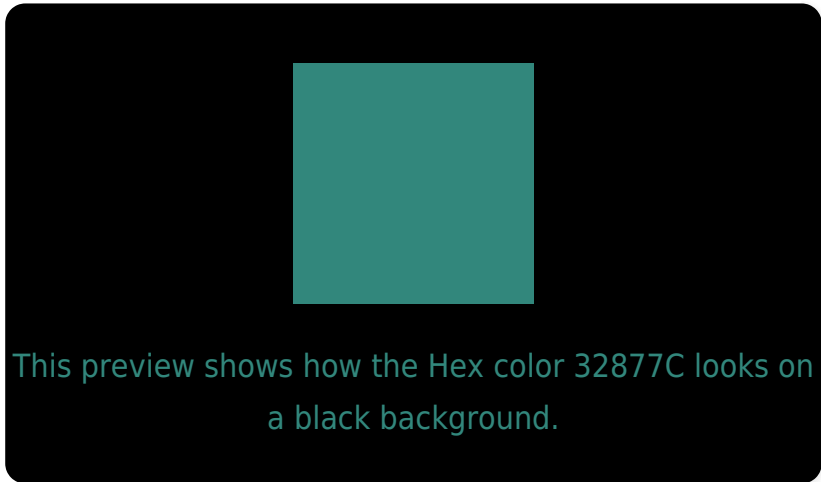
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

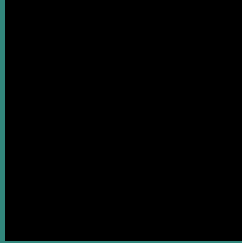
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

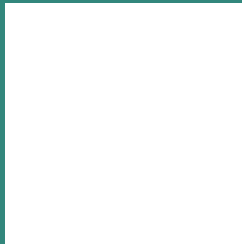
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 32877C Background



This preview shows how black text looks on a background with the Hex color 32877C.

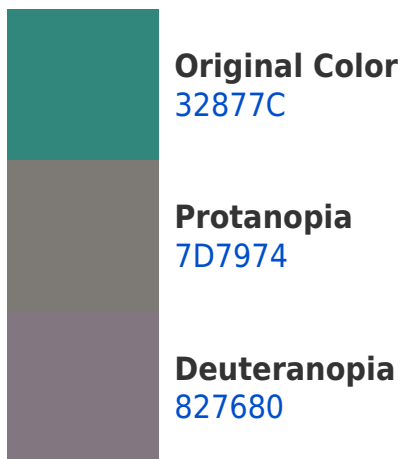


This preview shows how white text looks on a background with the Hex color 32877C.

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
3A848F

Trichromacy



Original Color
32877C



Protanomaly
627E77



Deuteranomaly
657C7F



Tritanomaly
378588

Monochromacy



Original Color
32877C



Achromatopsia
6C6C6C



Achromatomaly
577672

CSS Examples

Text

The CSS property to change the color of the text to Hex 32877C 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 #32877C looks like.

```
.text, #text, p{  
    color:#32877C  
}
```

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 #32877C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32877C
}
```

Border

The CSS property to change the border of an element to Hex 32877C 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
#32877C }
```

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

```
.border{ border-color:#32877C }
```

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

Here you see how a box with a 4 pixel #32877C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32877C; -webkit-box-shadow:4px 4px  
4px 4px #32877C; box-shadow:4px 4px 4px  
4px #32877C }
```

Background

The CSS property to change the background color of an element to Hex 32877C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32877C }
```

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

```
.background{ background-color:#32877C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor