

Converting Colors

Hex(32887A)

Have a look what the booklet for
Hex(32887A) contains.

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Color

Hex(32887A)

Conversions

Conversions Part 1

Format	Color
Hex	32887A
RGB	50, 136, 122
RGB Percent	20%, 53%, 48%
CMY	0.8039, 0.4667, 0.5216
CMYK	0.63, 0.00, 0.10, 0.47
HSL	170°, 46%, 36%
HSV	170°, 63%, 53%
XYZ	13.6324, 19.6916, 21.4947
YIQ	108.6900, -46.7620, -22.5860

Conversions

Conversions Part 2

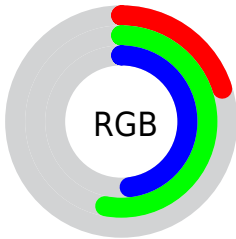
Format	Color
RYB	50, 97, 136
Decimal	3311738
CIELab	51.49, -29.16, -0.10
CIElCh	51, 29.164, 180.192
Yxy	19.6916, 0.2487, 0.3592
Android (android.graphics.Color)	4281501818 (0xFF32887A)
YUV	108.6900, 6.5618, -51.4711
Hunter-Lab	44.3752, -22.8200, 2.3434

Details

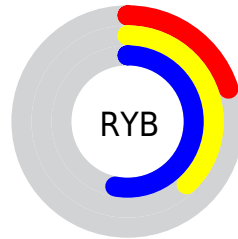
The Hex color **32887A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **883240**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6ABEAE**, and **005649** is the 20% darker color. If you saturate the color by 10%, you get **248878**, and if you desaturate by 10%, it is **40887C**.

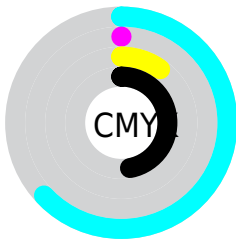
Distribution



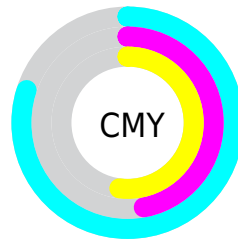
- Red (20%)
- Green (53%)
- Blue (48%)



- Red (20%)
- Yellow (38%)
- Blue (53%)



- Cyan (63%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32887A 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 32887A by changing the saturation by 10% instead.

 32887A

 32887A

FFFFFF

 0D6E61

 6ABEAE

 005649

 86DACA

 003E33

 A2F6E6

 00271E

 BEFFFF

 000A05

 DBFFFF

 000000

 F9FFFF

 32887A

 32887A

 248878

 40887C

■ 178876

■ 4D887E

■ 098873

■ 5B8881

■ 008872

■ 688883

■ 768885

■ 848887

■ 918889

■ 9F888C

■ AC888E

Harmonies

Analogous

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



538661



32887A



148793

Triad

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



32887A



7E74A6



9F7150

Complementary

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



32887A



883240

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.



AA6963



32887A



9A6C94

Square

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



32887A



577DAC



A9677B



8B7948

Rectangle

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



32887A



1E85A0



A9677B



A46E55

Sweetspot

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



32887A



8FB0AB



408832



455956



D9D9D9



595959

Same Dimension

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



32887A



2AB09A



326B88



3E4544



00856F



000504

Inverse Universe

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



883240



B02A40



884F32



453E3F



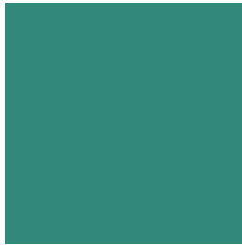
850016



050001

Previews

White Background



This preview shows how the Hex color 32887A looks on a white background.

Color Contrast Check

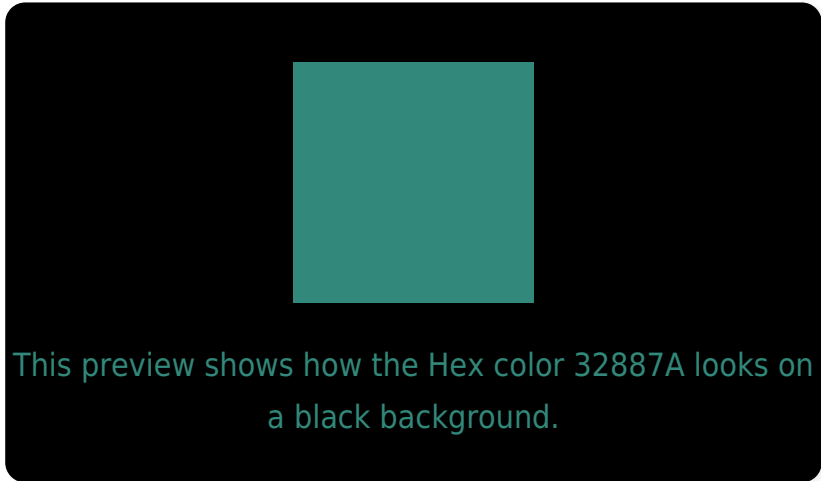
Large Text (above 18pt) WCAG AA ✓ Pass

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

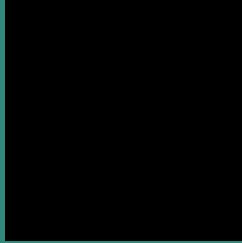
Any Text WCAG AA ✓ Pass

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 32887A Background



This preview shows how black text looks on a background with the Hex color 32887A.

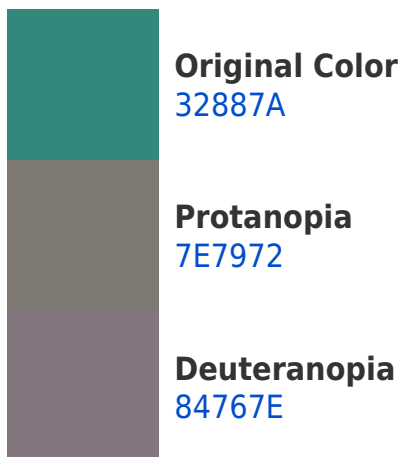


This preview shows how white text looks on a background with the Hex color 32887A.

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
3B8590

Trichromacy



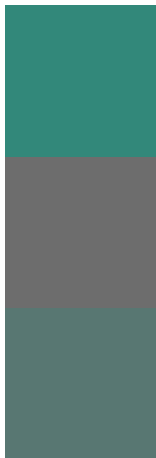
Original Color
32887A

Protanomaly
627E75

Deuteranomaly
667D7D

Tritanomaly
388688

Monochromacy



Original Color
32887A

Achromatopsia
6D6D6D

Achromatomaly
587772

CSS Examples

Text

The CSS property to change the color of the text to Hex 32887A 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 #32887A looks like.

```
.text, #text, p{  
    color:#32887A  
}
```

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 #32887A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32887A
}
```

Border

The CSS property to change the border of an element to Hex 32887A 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
#32887A }
```

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

```
.border{ border-color:#32887A }
```

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

Here you see how a box with a 4 pixel #32887A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32887A; -webkit-box-shadow:4px 4px  
4px 4px #32887A; box-shadow:4px 4px 4px  
4px #32887A }
```

Background

The CSS property to change the background color of an element to Hex 32887A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32887A }
```

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

```
.background{ background-color:#32887A }
```

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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