

Converting Colors

Hex(32AE87)

Have a look what the booklet for
Hex(32AE87) contains.

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Color

Hex(32AE87)

Conversions

Conversions Part 1

Format	Color
Hex	32AE87
RGB	50, 174, 135
RGB Percent	20%, 68%, 53%
CMY	0.8039, 0.3176, 0.4706
CMYK	0.71, 0.00, 0.22, 0.32
HSL	161°, 55%, 44%
HSV	161°, 71%, 68%
XYZ	20.8246, 32.6995, 28.1357
YIQ	132.4780, -61.3850, -38.4170

Conversions

Conversions Part 2

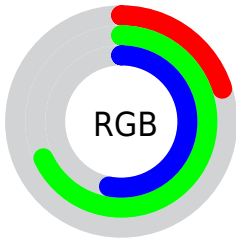
Format	Color
RYB	50, 124, 174
Decimal	3321479
CIELab	63.92, -43.04, 10.40
CIELCh	64, 44.280, 166.417
Yxy	32.6995, 0.2550, 0.4004
Android (android.graphics.Color)	4281511559 (0xFF32AE87)
YUV	132.4780, 1.2433, -72.3332
Hunter-Lab	57.1835, -35.0663, 10.8562

Details

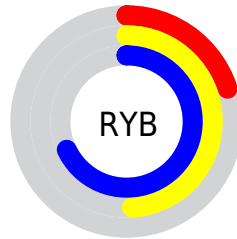
The Hex color **32AE87** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE3259**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **71E6BC**, and **007955** is the 20% darker color. If you saturate the color by 10%, you get **21AE82**, and if you desaturate by 10%, it is **43AE8C**.

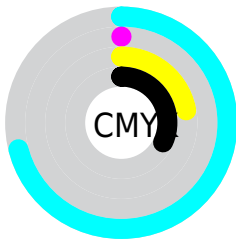
Distribution



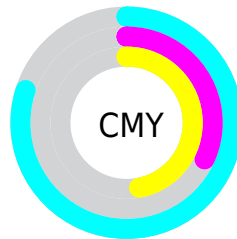
- Red (20%)
- Green (68%)
- Blue (53%)



- Red (20%)
- Yellow (49%)
- Blue (68%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)



- Cyan (80%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 32AE87 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 32AE87 by changing the saturation by 10% instead.



32AE87



32AE87

FFFFFF



00936E



71E6BC



007955



8EFFD8



005F3E



ABFFF4



004628



C9FFFF



002F14



E7FFFF



001600



000000



32AE87



32AE87



21AE82



43AE8C

0FAE7C

55AE92

00AE77

66AE97

78AE9D

89AEA2

9AAEA8

ACAEAD

BDAEB3

CFAEB8

Harmonies

Analogous

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



71A963



32AE87



00AFB0

Triad

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



32AE87



8197E7



DC8463

Complementary

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



32AE87



AE3259

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.



E67B87



32AE87



BA88D2

Square

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



32AE87



20A4E7



DB7CAF



C2924D

Rectangle

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



32AE87



00AEC9



DB7CAF



E1806E

Sweetspot

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



32AE87



B3E3D4



59AE32



56736A



F2F2F2



737373

Same Dimension

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



32AE87



20E3A6



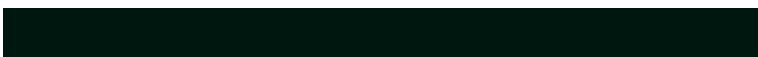
3297AE



4E5754



009667



001710

Inverse Universe

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



AE3259



E3205D



AE4932



574E51



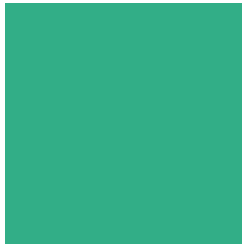
96002F



170007

Previews

White Background



This preview shows how the Hex color 32AE87 looks on a white background.

Color Contrast Check

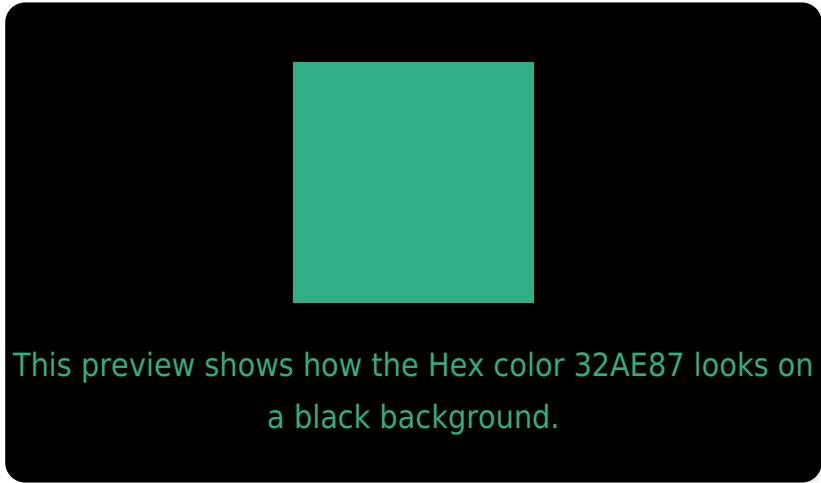
Large Text (above 18pt) WCAG AA × Fail

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

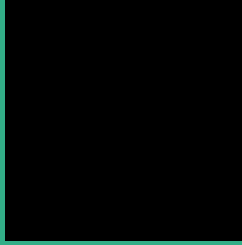
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 32AE87 Background



This preview shows how black text looks on a background with the Hex color 32AE87.

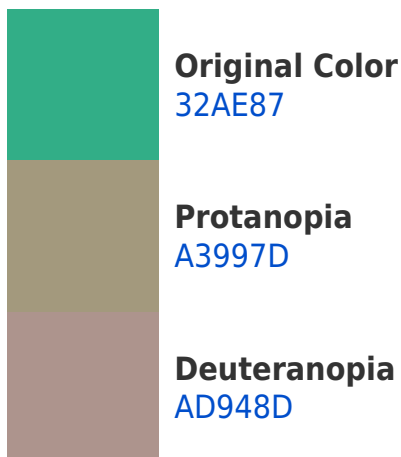


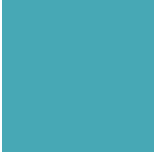
This preview shows how white text looks on a background with the Hex color 32AE87.

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](#).

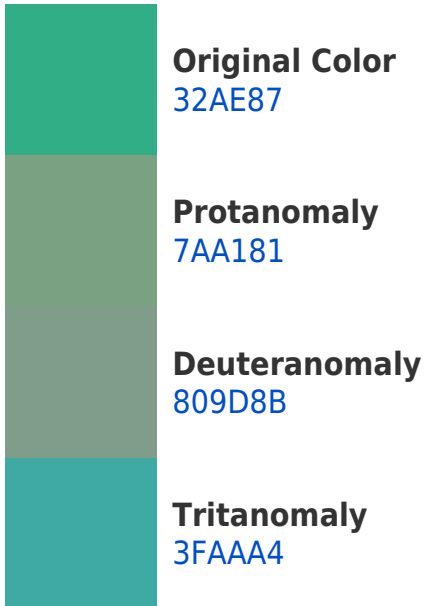
Dichromacy



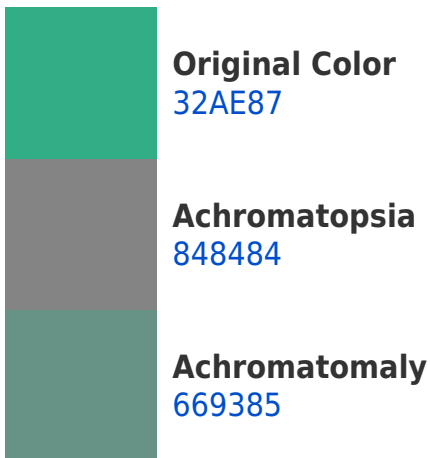


Tritanopia
47A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 32AE87 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 #32AE87 looks like.

```
.text, #text, p{  
    color:#32AE87  
}
```

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 #32AE87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32AE87  
}
```

Border

The CSS property to change the border of an element to Hex 32AE87 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  
#32AE87 }
```

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

```
.border{ border-color:#32AE87 }
```

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

Here you see how a box with a 4 pixel #32AE87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32AE87; -webkit-box-shadow:4px 4px  
4px 4px #32AE87; box-shadow:4px 4px 4px  
4px #32AE87 }
```

Background

The CSS property to change the background color of an element to Hex 32AE87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32AE87 }
```

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

```
.background{ background-color:#32AE87 }
```

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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