

# Converting Colors

Hex(3AA287)

Have a look what the booklet for  
Hex(3AA287) contains.

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# Color

Hex(3AA287)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AA287
RGB	58, 162, 135
RGB Percent	23%, 64%, 53%
CMY	0.7725, 0.3647, 0.4706
CMYK	0.64, 0.00, 0.17, 0.36
HSL	164°, 47%, 43%
HSV	164°, 64%, 64%
XYZ	19.0384, 28.4895, 27.4173
YIQ	127.8260, -53.3170, -30.4450

# Conversions

## Conversions Part 2

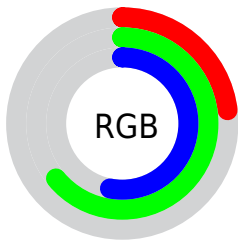
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 118, 162
Decimal	3842695
CIELab	60.33, -36.45, 5.31
CIELCh	60, 36.835, 171.718
Yxy	28.4895, 0.2540, 0.3801
Android (android.graphics.Color)	4282032775 (0xFF3AA287)
YUV	127.8260, 3.5368, -61.2374
Hunter-Lab	53.3755, -29.7383, 6.9075

# Details

The Hex color `3AA287` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `A23A55`, and the grayscale version is `808080`.

A 20% lighter version of the original color is `75D9BC`, and `006E55` is the 20% darker color. If you saturate the color by 10%, you get `2AA283`, and if you desaturate by 10%, it is `4AA28B`.

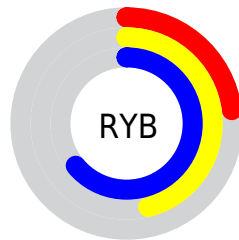
# Distribution



Red (23%)

Green (64%)

Blue (53%)



Red (23%)

Yellow (46%)

Blue (64%)

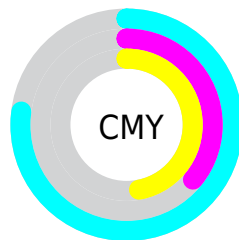


Cyan (64%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (77%)

Magenta (36%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AA287 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 3AA287 by changing the saturation by 10% instead.





3AA287



3AA287

FFFFFF



14876E



75D9BC



006E55



91F6D8



00553E



AFFFF4



003C28



CBFFFF



002714



E8FFFF



000200



000000



3AA287



3AA287



2AA283



4AA28B

■ 1AA27F

■ 5AA28F

■ 09A27A

■ 6BA294

■ 00A278

■ 7BA298

■ 8BA29C

■ 9BA2A0

■ ABA2A4

■ BCA2A9

■ CCA2AD

# Harmonies

## Analogous

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



699E68



3AA287



00A2A8

# Triad

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



3AA287



878CCE



C68160

# Complementary

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



3AA287



A23A55

# 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.



D0797B



3AA287



B180BA

# Square

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



3AA287



4E97D1



CA789C



AE8C51

# Rectangle

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



3AA287



00A1BC



CA789C



CB7E68



# Sweetspot

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



3AA287



ABD4C9



56A23A



526B65



EBEBEB



6B6B6B



# Same Dimension

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



3AA287



31D4A9



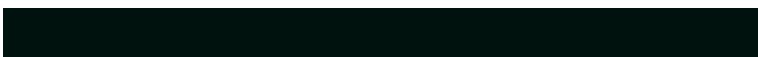
3A8AA2



49524F



00916C



00120D



# Inverse Universe

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



A23A55



D4315B



A2523A



52494C



910026

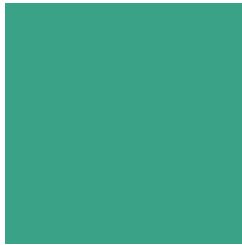


120005



# Previews

## White Background



This preview shows how the Hex color 3AA287 looks on a white background.

## Color Contrast Check

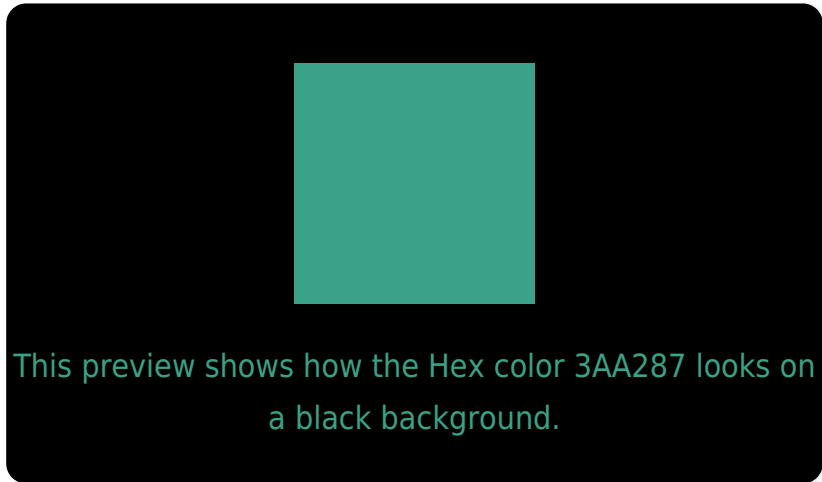
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA287 Background



This preview shows how black text looks on a background with the Hex color 3AA287.

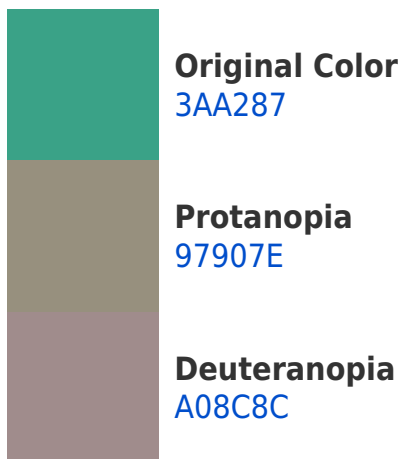


This preview shows how white text looks on a background with the Hex color 3AA287.

# 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**  
489DAA

# Trichromacy



**Original Color**  
3AA287



**Protanomaly**  
759781



**Deuteranomaly**  
7B948A



**Tritanomaly**  
439F9D

# Monochromacy



**Original Color**  
3AA287



**Achromatopsia**  
808080



**Achromatomaly**  
678C83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AA287 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 #3AA287 looks like.

```
.text, #text, p{  
    color:#3AA287  
}
```

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 #3AA287 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA287
}
```

## Border

The CSS property to change the border of an element to Hex 3AA287 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
#3AA287 }
```

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

```
.border{ border-color:#3AA287 }
```

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

Here you see how a box with a 4 pixel #3AA287 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA287; -webkit-box-shadow:4px 4px  
4px 4px #3AA287; box-shadow:4px 4px 4px  
4px #3AA287 }
```

# Background

The CSS property to change the background color of an element to Hex 3AA287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA287 }
```

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

```
.background{ background-color:#3AA287 }
```

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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