

# Converting Colors

Hex(31A488)

Have a look what the booklet for  
Hex(31A488) contains.

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**Color**

**Hex(31A488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31A488
RGB	49, 164, 136
RGB Percent	19%, 64%, 53%
CMY	0.8078, 0.3569, 0.4667
CMYK	0.70, 0.00, 0.17, 0.36
HSL	165°, 54%, 42%
HSV	165°, 70%, 64%
XYZ	18.9860, 28.9815, 27.8859
YIQ	126.4230, -59.5520, -33.0880

# Conversions

## Conversions Part 2

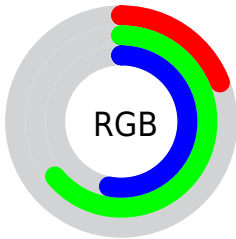
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 114, 164
Decimal	3253384
CIELab	60.77, -38.60, 5.34
CIElCh	61, 38.971, 172.119
Yxy	28.9815, 0.2503, 0.3821
Android (android.graphics.Color)	4281443464 (0xFF31A488)
YUV	126.4230, 4.7215, -67.9000
Hunter-Lab	53.8344, -31.2579, 6.9723

# Details

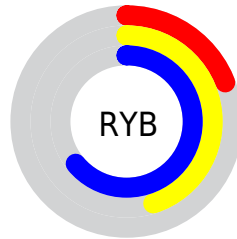
The Hex color **31A488** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A4314D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6FDCBD**, and **006F56** is the 20% darker color. If you saturate the color by 10%, you get **21A484**, and if you desaturate by 10%, it is **41A48C**.

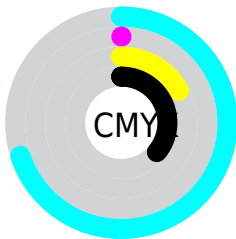
# Distribution



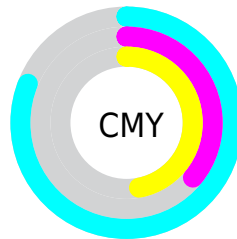
- Red (19%)
- Green (64%)
- Blue (53%)



- Red (19%)
- Yellow (45%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (81%)
- Magenta (36%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31A488 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 31A488 by changing the saturation by 10% instead.





31A488



31A488

FFFFFF



00896F



6FDCBD



006F56



8CF8D9



00563F



A8FFF5



003E29



C6FFFF



002815



E3FFFF



000500



000000



31A488



31A488



21A484



41A48C

■ 10A480

■ 52A490

■ 00A47C

■ 62A494

■ 73A498

■ 83A49C

■ 93A4A0

■ A4A4A4

■ B4A4A8

■ C5A4AC

# Harmonies

## Analogous

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



66A067



31A488



00A4AB

# Triad

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



31A488



888DD2



C9815D

# Complementary

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



31A488



A4314D

# 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.



D4787A



31A488



B580BD

# Square

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



31A488



4899D6



CE789D



B08D4E

# Rectangle

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



31A488



00A2C0



CE789D



CF7E66



# Sweetspot

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



31A488



A9D6CB



4EA431



506B65



EBEBEB



6B6B6B



# Same Dimension

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



31A488



22D6AA



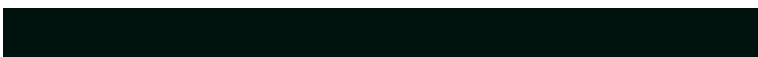
3187A4



495250



00916E



00120E



# Inverse Universe

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



A4314D



D6224E



A44E31



52494B



910023



120004



# Previews

## White Background



This preview shows how the Hex color 31A488 looks on a white background.

## Color Contrast Check

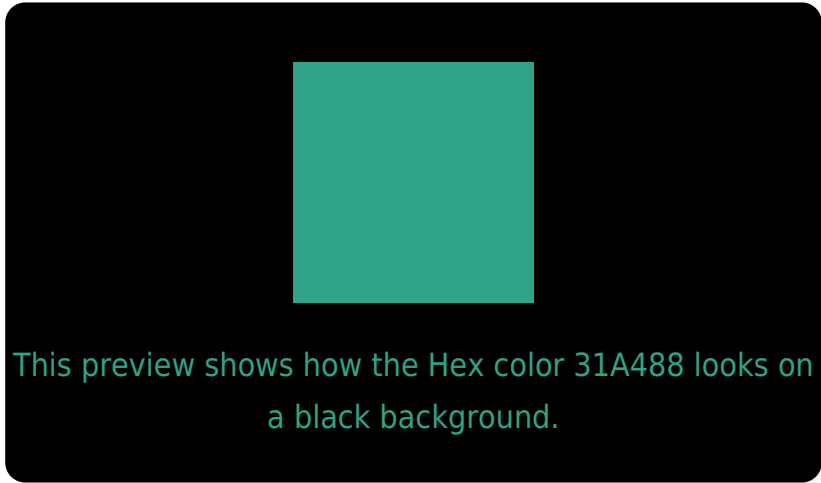
Large Text (above 18pt) WCAG AA ✓ Pass

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

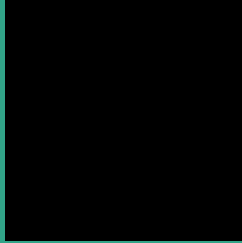
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 31A488 Background



This preview shows how black text looks on a background with the Hex color 31A488.

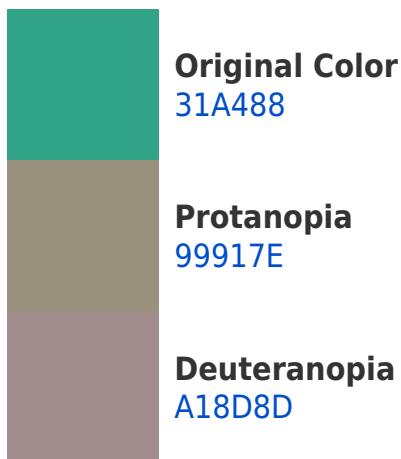


This preview shows how white text looks on a background with the Hex color 31A488.

# 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





# Trichromacy



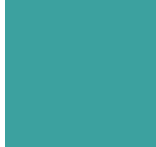
**Original Color**  
31A488



**Protanomaly**  
739882



**Deuteranomaly**  
78958B



**Tritanomaly**  
3CA19F

# Monochromacy



**Original Color**  
31A488



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
628C82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31A488 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 #31A488 looks like.

```
.text, #text, p{  
    color:#31A488  
}
```

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 #31A488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A488
}
```

## Border

The CSS property to change the border of an element to Hex 31A488 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
#31A488 }
```

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

```
.border{ border-color:#31A488 }
```

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

Here you see how a box with a 4 pixel #31A488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A488; -webkit-box-shadow:4px 4px  
4px 4px #31A488; box-shadow:4px 4px 4px  
4px #31A488 }
```

# Background

The CSS property to change the background color of an element to Hex 31A488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A488 }
```

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

```
.background{ background-color:#31A488 }
```

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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