

Converting Colors

Hex(31A586)

Have a look what the booklet for
Hex(31A586) contains.

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Color

Hex(31A586)

Conversions

Conversions Part 1

Format	Color
Hex	31A586
RGB	49, 165, 134
RGB Percent	19%, 65%, 53%
CMY	0.8078, 0.3529, 0.4745
CMYK	0.70, 0.00, 0.19, 0.35
HSL	164°, 54%, 42%
HSV	164°, 70%, 65%
XYZ	19.0248, 29.2845, 27.2040
YIQ	126.7820, -59.1850, -34.2330

Conversions

Conversions Part 2

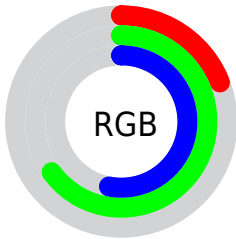
Format	Color
RYB	49, 116, 165
Decimal	3253638
CIELab	61.03, -39.55, 6.85
CIElCh	61, 40.141, 170.178
Yxy	29.2845, 0.2519, 0.3878
Android (android.graphics.Color)	4281443718 (0xFF31A586)
YUV	126.7820, 3.5585, -68.2148
Hunter-Lab	54.1151, -31.9476, 8.0751

Details

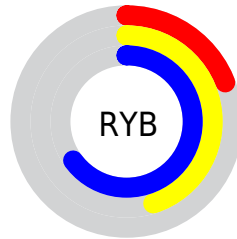
The Hex color **31A586** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A53150**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6FDDBB**, and **007054** is the 20% darker color. If you saturate the color by 10%, you get **20A582**, and if you desaturate by 10%, it is **41A58A**.

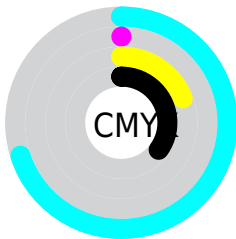
Distribution



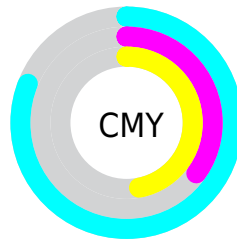
- Red (19%)
- Green (65%)
- Blue (53%)



- Red (19%)
- Yellow (45%)
- Blue (65%)



- Cyan (70%)
- Magenta (0%)
- Yellow (19%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31A586 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 31A586 by changing the saturation by 10% instead.



31A586



31A586

FFFFFF



008A6D



6FDDBB



007054



8CFAD7



00573D



A9FFF3



003F27



C6FFFF



002913



E3FFFF



000700



000000



31A586



31A586



20A582



41A58A

 10A57D

 52A58F

 00A579

 62A593

 73A598

 83A59C

 94A5A0

 A4A5A5

 B5A5A9

 C5A5AE

Harmonies

Analogous

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



68A164



31A586



00A6AB

Triad

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



31A586



858ED6



CC815E

Complementary

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



31A586



A53150

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.



D7787D



31A586



B481C1

Square

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



31A586



3F9AD9



D078A0



B48D4D

Rectangle

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



31A586



00A4C0



D078A0



D27D67

Sweetspot

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



31A586



A9D6CA



52A531



506B64



EBEBEB



6B6B6B

Same Dimension

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



31A586



22D6A6



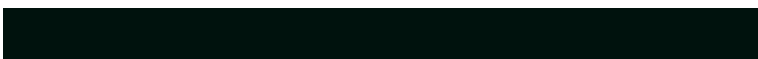
318CA5



49524F



00916B



00120D

Inverse Universe

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



A53150



D62252



A54A31



52494C



910027



120005

Previews

White Background



This preview shows how the Hex color 31A586 looks on a white background.

Color Contrast Check

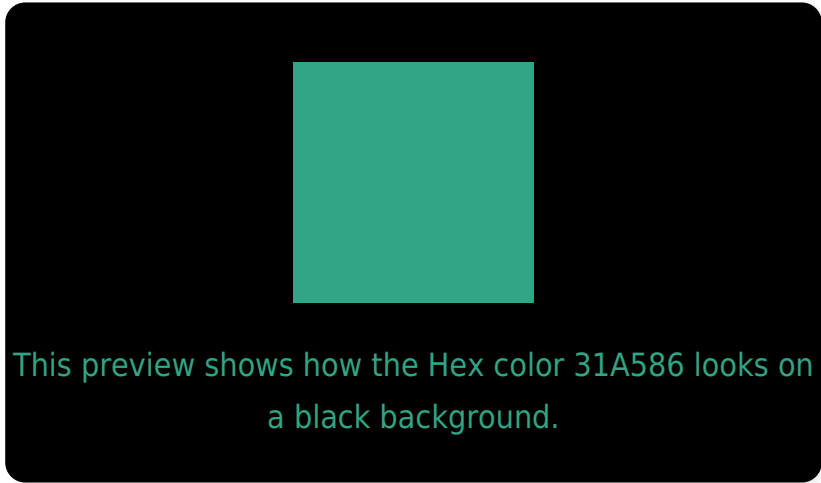
Large Text (above 18pt) WCAG AA ✓ Pass

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

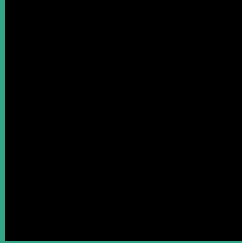
Any Text WCAG AA ✓ Pass

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 31A586 Background



This preview shows how black text looks on a background with the Hex color 31A586.

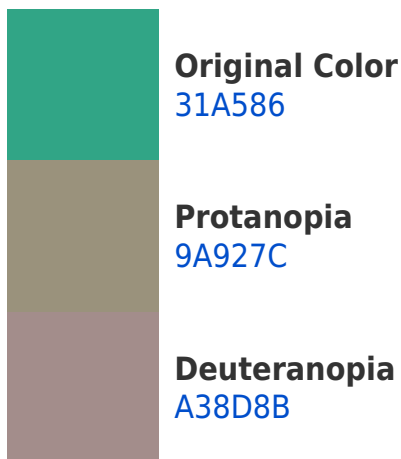


This preview shows how white text looks on a background with the Hex color 31A586.

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](#).

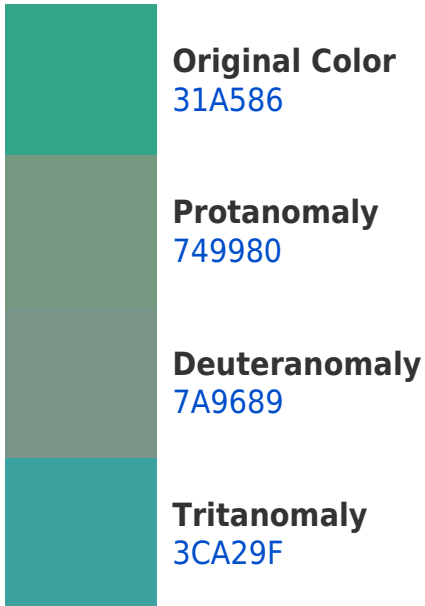
Dichromacy





Tritanopia
43A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31A586 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 #31A586 looks like.

```
.text, #text, p{  
    color:#31A586  
}
```

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 #31A586 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A586
}
```

Border

The CSS property to change the border of an element to Hex 31A586 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
#31A586 }
```

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

```
.border{ border-color:#31A586 }
```

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

Here you see how a box with a 4 pixel #31A586 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A586; -webkit-box-shadow:4px 4px  
4px 4px #31A586; box-shadow:4px 4px 4px  
4px #31A586 }
```

Background

The CSS property to change the background color of an element to Hex 31A586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A586 }
```

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

```
.background{ background-color:#31A586 }
```

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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