

Converting Colors

Hex(31906D)

Have a look what the booklet for
Hex(31906D) contains.

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Color

Hex(31906D)

Conversions

Conversions Part 1

Format	Color
Hex	31906D
RGB	49, 144, 109
RGB Percent	19%, 56%, 43%
CMY	0.8078, 0.4353, 0.5725
CMYK	0.66, 0.00, 0.24, 0.44
HSL	158°, 49%, 38%
HSV	158°, 66%, 56%
XYZ	14.0002, 21.7036, 17.9193
YIQ	111.6050, -45.3850, -31.0250

Conversions

Conversions Part 2

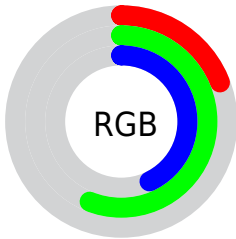
Format	Color
RYB	49, 107, 144
Decimal	3248237
CIELab	53.71, -36.42, 10.59
CIELCh	54, 37.928, 163.787
Yxy	21.7036, 0.2611, 0.4047
Android (android.graphics.Color)	4281438317 (0xFF31906D)
YUV	111.6050, -1.2843, -54.9046
Hunter-Lab	46.5871, -27.8853, 9.8056

Details

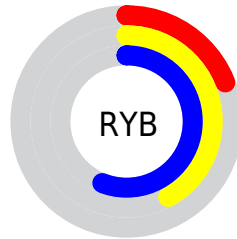
The Hex color **31906D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **903154**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6AC7A1**, and **005D3D** is the 20% darker color. If you saturate the color by 10%, you get **239068**, and if you desaturate by 10%, it is **3F9072**.

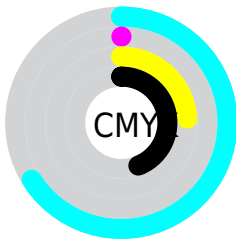
Distribution



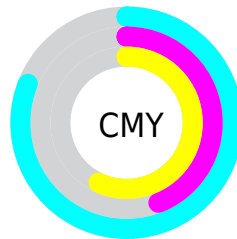
- Red (19%)
- Green (56%)
- Blue (43%)



- Red (19%)
- Yellow (42%)
- Blue (56%)



- Cyan (66%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (81%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31906D 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 31906D by changing the saturation by 10% instead.



31906D



31906D

FFFFFF



097655



6AC7A1



005D3D



86E3BC



004427



A2FFD7



002D13



BFFFF4



001500



DCFFFF



000000



F9FFFF



31906D



31906D



239068



3F9072

■ 149062

■ 4E9078

■ 06905D

■ 5C907D

■ 00905B

■ 6B9082

■ 799088

■ 87908D

■ 969092

■ A49097

■ B3909D

Harmonies

Analogous

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



618B50



31906D



00918F

Triad

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



31906D



677FC0



B86D55

Complementary

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



31906D



903154

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.



BF6672



31906D



9772B0

Square

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



31906D



1289BF



B46893



A37841

Rectangle

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



31906D



0090A4



B46893



BC6A5E

Sweetspot

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



31906D



95BAAC



559031



485E56



DEDEDE



5E5E5E

Same Dimension

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



31906D



27BA84



318590



404745



008755



000805

Inverse Universe

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



903154



BA275D



903C31



474043



870032



080003

Previews

White Background



This preview shows how the Hex color 31906D looks on a white background.

Color Contrast Check

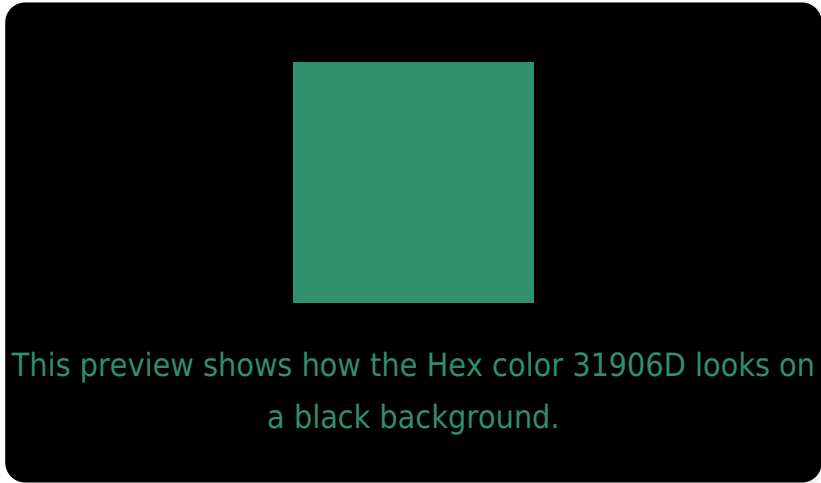
Large Text (above 18pt) WCAG AA ✓ Pass

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 31906D Background



This preview shows how black text looks on a background with the Hex color 31906D.

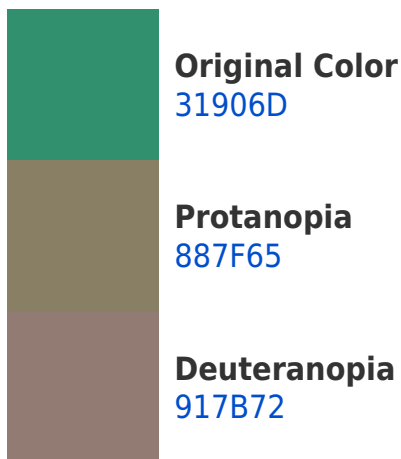


This preview shows how white text looks on a background with the Hex color 31906D.

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
418B96

Trichromacy



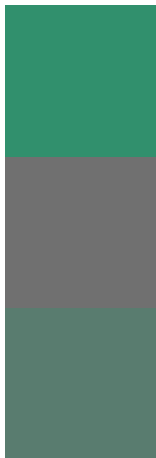
Original Color
31906D

Protanomaly
688568

Deuteranomaly
6E8370

Tritanomaly
3B8D87

Monochromacy



Original Color
31906D

Achromatopsia
707070

Achromatomaly
597C6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 31906D 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 #31906D looks like.

```
.text, #text, p{  
    color:#31906D  
}
```

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 #31906D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31906D
}
```

Border

The CSS property to change the border of an element to Hex 31906D 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
#31906D }
```

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

```
.border{ border-color:#31906D }
```

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

Here you see how a box with a 4 pixel #31906D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31906D; -webkit-box-shadow:4px 4px  
4px 4px #31906D; box-shadow:4px 4px 4px  
4px #31906D }
```

Background

The CSS property to change the background color of an element to Hex 31906D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31906D }
```

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

```
.background{ background-color:#31906D }
```

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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