

# Converting Colors

Hex(31A25F)

Have a look what the booklet for  
Hex(31A25F) contains.

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# Color

Hex(31A25F)

# Conversions

## Conversions Part 1

Format	Color
Hex	31A25F
RGB	49, 162, 95
RGB Percent	19%, 64%, 37%
CMY	0.8078, 0.3647, 0.6275
CMYK	0.70, 0.00, 0.41, 0.36
HSL	144°, 54%, 41%
HSV	144°, 70%, 64%
XYZ	16.2525, 27.3199, 15.2431
YIQ	120.5750, -45.8410, -44.7930

# Conversions

## Conversions Part 2

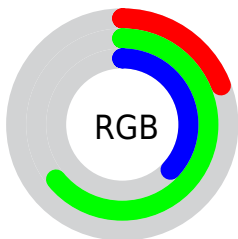
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 129, 162
Decimal	3252831
CIELab	59.27, -46.91, 25.93
CIELCh	59, 53.601, 151.074
Yxy	27.3199, 0.2763, 0.4645
Android (android.graphics.Color)	4281442911 (0xFF31A25F)
YUV	120.5750, -12.6085, -62.7713
Hunter-Lab	52.2684, -35.9663, 19.2970

# Details

The Hex color **31A25F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A23174**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6EDA92**, and **006D2F** is the 20% darker color. If you saturate the color by 10%, you get **21A255**, and if you desaturate by 10%, it is **41A269**.

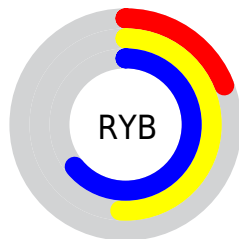
# Distribution



Red (19%)

Green (64%)

Blue (37%)



Red (19%)

Yellow (51%)

Blue (64%)

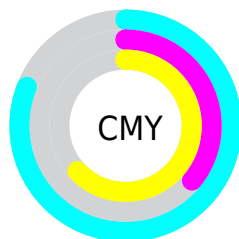


Cyan (70%)

Magenta (0%)

Yellow (41%)

Black (36%)



Cyan (81%)

Magenta (36%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31A25F 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 31A25F by changing the saturation by 10% instead.





31A25F



31A25F

FFFFFF



008747



6EDA92



006D2F



8AF7AD



005419



A7FFC9



003B00



C4FFE5



002600



E1FFFF



000000



31A25F



31A25F



21A255



41A269



11A24C



51A272

■ 00A242

■ 62A27C

■ 72A285

■ 82A28F

■ 92A299

■ A2A2A2

■ B3A2AC

■ C3A2B5

# Harmonies

## Analogous

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



779A38



31A25F



00A58F

# Triad

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



31A25F



1B93ED



E26A61

# Complementary

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



31A25F



A23174

# 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.



E3648F



31A25F



9282E0

# Square

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



31A25F



009FE0



C96EBD



CC7B3B

# Rectangle

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



31A25F



00A6AF



C96EBD



E56670



# Sweetspot

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



31A25F



A7D4B9



75A231



506B5B



EBEBEB



6B6B6B



# Same Dimension

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



31A25F



22D46A



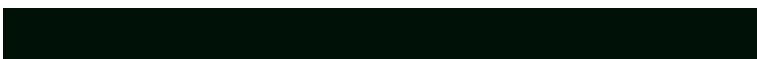
31A297



49524D



00913B



001207



# Inverse Universe

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



A23174



D4228B



A2313C



52494E



910056



12000B



# Previews

## White Background



This preview shows how the Hex color 31A25F looks on a white background.

## Color Contrast Check

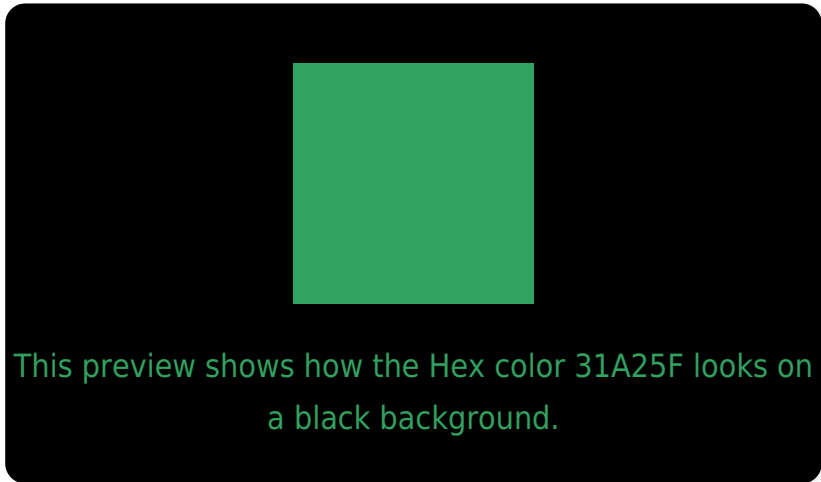
Large Text (above 18pt) WCAG AA ✓ Pass

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 31A25F Background



This preview shows how black text looks on a background with the Hex color 31A25F.



This preview shows how white text looks on a background with the Hex color 31A25F.

# 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](#).

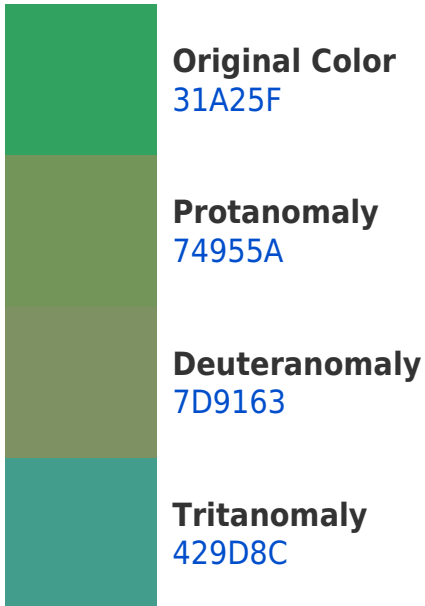
## Dichromacy





**Tritanopia**  
4B9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31A25F 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 #31A25F looks like.

```
.text, #text, p{  
    color:#31A25F  
}
```

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 #31A25F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31A25F
}
```

## Border

The CSS property to change the border of an element to Hex 31A25F 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
#31A25F }
```

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

```
.border{ border-color:#31A25F }
```

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

Here you see how a box with a 4 pixel #31A25F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31A25F; -webkit-box-shadow:4px 4px  
4px 4px #31A25F; box-shadow:4px 4px 4px  
4px #31A25F }
```

# Background

The CSS property to change the background color of an element to Hex 31A25F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31A25F }
```

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

```
.background{ background-color:#31A25F }
```

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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