

# Converting Colors

Hex(31F14A)

Have a look what the booklet for  
Hex(31F14A) contains.

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**Color**

**Hex(31F14A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31F14A
RGB	49, 241, 74
RGB Percent	19%, 95%, 29%
CMY	0.8078, 0.0549, 0.7098
CMYK	0.80, 0.00, 0.69, 0.05
HSL	128°, 87%, 57%
HSV	128°, 80%, 95%
XYZ	33.9580, 64.0580, 17.0532
YIQ	164.5540, -60.8250, -92.6410

# Conversions

## Conversions Part 2

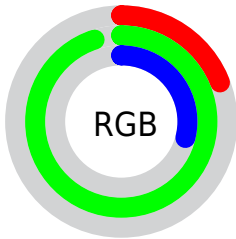
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 219, 241
Decimal	3273034
CIELab	84.00, -76.23, 64.60
CIELCh	84, 99.919, 139.720
Yxy	64.0580, 0.2951, 0.5567
Android (android.graphics.Color)	4281463114 (0xFF31F14A)
YUV	164.5540, -44.6431, -101.3409
Hunter-Lab	80.0362, -64.3290, 43.3925

# Details

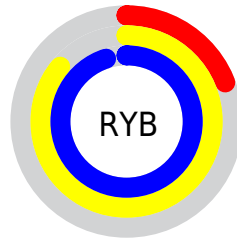
The Hex color **31F14A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F131D8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **80FF82**, and **00B700** is the 20% darker color. If you saturate the color by 10%, you get **19F135**, and if you desaturate by 10%, it is **49F15F**.

# Distribution



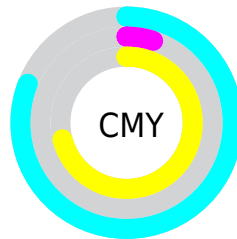
- Red (19%)
- Green (95%)
- Blue (29%)



- Red (19%)
- Yellow (86%)
- Blue (95%)



- Cyan (80%)
- Magenta (0%)
- Yellow (69%)
- Black (5%)



- Cyan (81%)
- Magenta (5%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31F14A 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 31F14A by changing the saturation by 10% instead.



 31F14A

 31F14A


FFFFFF

 00D42B

 80FF82

 00B700

 A1FF9F

 009B00

 C1FFBB

 008000

 E1FFD8

 006500

 FFFFF6

 004B00

 003200

 001700

 000000

 31F14A

 31F14A

 19F135

 49F15F

 01F120

 61F174

 00F11F

 79F189

 91F19E

 A9F1B3

 C2F1C8

 DAF1DD

 F2F1F2

 FFF1FF

# Harmonies

## Analogous

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



C0E000



31F14A



00F9AD

# Triad

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



31F14A



00E6FF



FF6C98

# Complementary

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



31F14A



F131D8

# 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.



FF6BF6



31F14A



7DC7FF

# Square

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



31F14A



00F7FF



FF98FF



FF973E

# Rectangle

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



31F14A



00FBF7



FF98FF



FF65B7

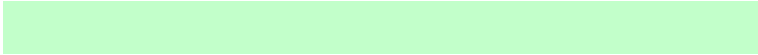


# Sweetspot

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



31F14A



C2FFCA



DBF131



5B805F



000000



808080



# Same Dimension

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



31F14A



0AFF2A



31F1A7



6C786D



00B818



003807



# Inverse Universe

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



F131D8



FF0ADF



F1317B



786C76



B800A0

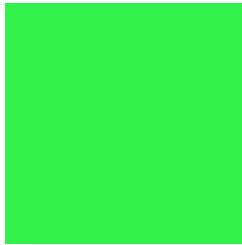


380031



# Previews

## White Background



This preview shows how the Hex color 31F14A looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 31F14A looks on a 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 ✓ Pass

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



## Hex 31F14A Background



This preview shows how black text looks on a background with the Hex color 31F14A.

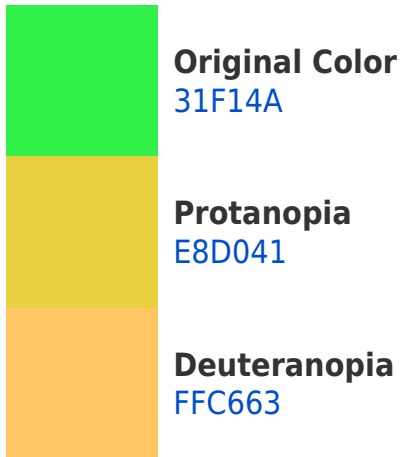


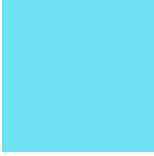
This preview shows how white text looks on a background with the Hex color 31F14A.

# 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](#).

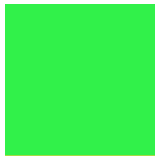
## Dichromacy





**Tritanopia**  
6BE1F3

# Trichromacy



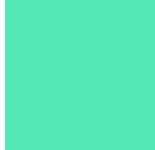
**Original Color**  
31F14A



**Protanomaly**  
A5DC44



**Deuteranomaly**  
B4D65A



**Tritanomaly**  
56E7B6

# Monochromacy



**Original Color**  
31F14A



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
7BC184

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31F14A 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 #31F14A looks like.

```
.text, #text, p{  
    color:#31F14A  
}
```

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 #31F14A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31F14A
}
```

## Border

The CSS property to change the border of an element to Hex 31F14A 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
#31F14A }
```

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

```
.border{ border-color:#31F14A }
```

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

Here you see how a box with a 4 pixel #31F14A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31F14A; -webkit-box-shadow:4px 4px  
4px 4px #31F14A; box-shadow:4px 4px 4px  
4px #31F14A }
```

# Background

The CSS property to change the background color of an element to Hex 31F14A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31F14A }
```

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

```
.background{ background-color:#31F14A }
```

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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