

# Converting Colors

Hex(32FF39)

Have a look what the booklet for  
Hex(32FF39) contains.

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**Color**

**Hex(32FF39)**

# Conversions

## Conversions Part 1

Format	Color
Hex	32FF39
RGB	50, 255, 57
RGB Percent	20%, 100%, 22%
CMY	0.8039, 0.0000, 0.7765
CMYK	0.80, 0.00, 0.78, 0.00
HSL	122°, 100%, 60%
HSV	122°, 80%, 100%
XYZ	37.8139, 72.4935, 15.8705
YIQ	171.1330, -58.6220, -105.0380

# Conversions

## Conversions Part 2

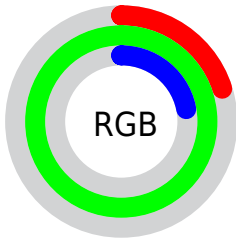
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 248, 255
Decimal	3342137
CIELab	88.21, -81.42, 74.41
CIELCh	88, 110.302, 137.576
Yxy	72.4935, 0.2997, 0.5745
Android (android.graphics.Color)	4281532217 (0xFF32FF39)
YUV	171.1330, -56.2676, -106.2336
Hunter-Lab	85.1431, -69.7247, 48.5486

# Details

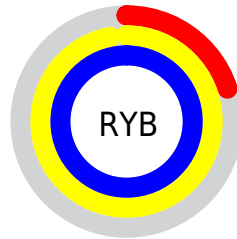
The Hex color **32FF39** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FF32F8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **85FF76**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **18FF20**, and if you desaturate by 10%, it is **4CFF52**.

# Distribution



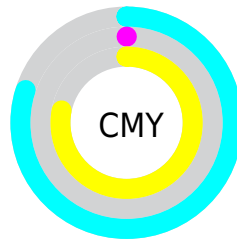
- Red (20%)
- Green (100%)
- Blue (22%)



- Red (20%)
- Yellow (97%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32FF39 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 32FF39 by changing the saturation by 10% instead.



 32FF39

 32FF39

FFFFFF

 00E10B

 85FF76

 00C400

 A6FF93

 00A800

 C7FFB0

 008C00

 E7FFCE

 007100

 FFFFEB

 005700

 003E00

 002300

 000000

 32FF39

 32FF39

 18FF20

 4CFF52

 00FF09

 65FF6A

 7FFF83

 98FF9C

 B2FFB4

 CBFFCD

 E5FFE5

FEFFFE

FFFFFF

# Harmonies

## Analogous

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



D0EB00



32FF39



00FFAC

# Triad

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



32FF39



00F7FF



FF62A5

# Complementary

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



32FF39



FF32F8

# 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.



FF67FF



32FF39



52D5FF

# Square

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



32FF39



00FFFF



FFA0FF



FF973F

# Rectangle

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



32FF39



00FFF6



FFA0FF



FF5AC7

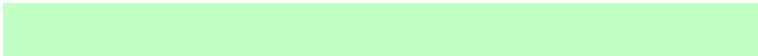


# Sweetspot

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



32FF39



C2FFC4



F8FF32



5B805C



000000



808080



# Same Dimension

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



32FF39



0AFF13



32FF9F



738073



00BF07



004002



# Inverse Universe

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



FF32F8



FF0AF7



FF3292



80737F



BF00B9

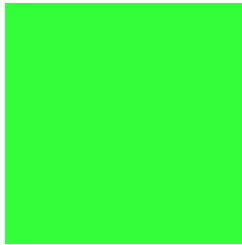


40003E



# Previews

## White Background



This preview shows how the Hex color 32FF39 looks on a white background.

## Color Contrast Check

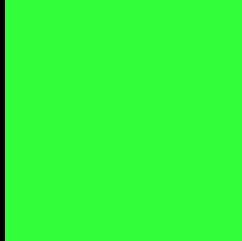
Large Text (above 18pt) WCAG AA × Fail

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 32FF39 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

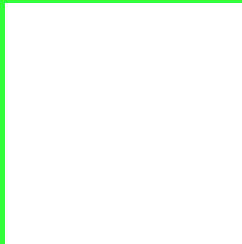
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 32FF39 Background



This preview shows how black text looks on a background with the Hex color 32FF39.

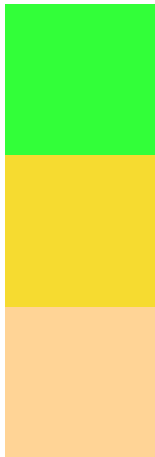


This preview shows how white text looks on a background with the Hex color 32FF39.

# 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](#).

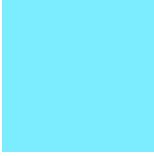
## Dichromacy



**Original Color**  
32FF39

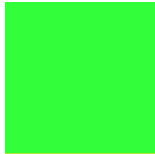
**Protanopia**  
F6DB30

**Deuteranopia**  
FFD496



**Tritanopia**  
7BEDFF

# Trichromacy



**Original Color**  
32FF39



**Protanomaly**  
AFE833

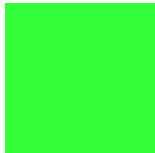


**Deuteranomaly**  
B4E474



**Tritanomaly**  
60F4B7

# Monochromacy



**Original Color**  
32FF39



**Achromatopsia**  
ABABAB



**Achromatomaly**  
7FCA82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32FF39 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 #32FF39 looks like.

```
.text, #text, p{  
    color:#32FF39  
}
```

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 #32FF39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32FF39
}
```

## Border

The CSS property to change the border of an element to Hex 32FF39 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
#32FF39 }
```

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

```
.border{ border-color:#32FF39 }
```

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

Here you see how a box with a 4 pixel #32FF39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32FF39; -webkit-box-shadow:4px 4px  
4px 4px #32FF39; box-shadow:4px 4px 4px  
4px #32FF39 }
```

# Background

The CSS property to change the background color of an element to Hex 32FF39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32FF39 }
```

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

```
.background{ background-color:#32FF39 }
```

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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