

# Converting Colors

Hex(41FF32)

Have a look what the booklet for  
Hex(41FF32) contains.

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**Color**

**Hex(41FF32)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41FF32
RGB	65, 255, 50
RGB Percent	25%, 100%, 20%
CMY	0.7451, 0.0000, 0.8039
CMYK	0.75, 0.00, 0.80, 0.00
HSL	116°, 100%, 60%
HSV	116°, 80%, 100%
XYZ	38.5157, 72.8741, 15.0537
YIQ	174.8200, -47.4350, -104.0350

# Conversions

## Conversions Part 2

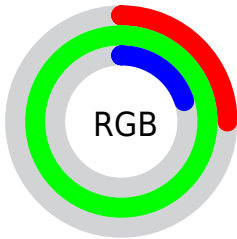
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	50, 255, 240
Decimal	4325170
CIE <sub>Lab</sub>	88.39, -79.95, 76.56
CIE <sub>LCh</sub>	88, 110.693, 136.239
Y <sub>xy</sub>	72.8741, 0.3046, 0.5763
Android (android.graphics.Color)	4282515250 (0xFF41FF32)
YUV	174.8200, -61.5363, -96.3121
Hunter-Lab	85.3663, -68.8552, 49.3011

# Details

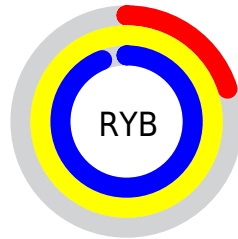
The Hex color **41FF32** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F032FF**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **8DFF71**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **29FF18**, and if you desaturate by 10%, it is **59FF4C**.

# Distribution



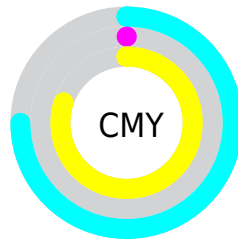
- Red (25%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (94%)



- Cyan (75%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41FF32 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 41FF32 by changing the saturation by 10% instead.



 41FF32

 41FF32

FFFFFF

 00E200

 8DFF71

 00C500

 AEFF8F

 00A800

 CEFFAC

 008C00

 EFFFC9

 007100

 FFFFE7

 005700

 003E00

 002400

 000000

 41FF32

 41FF32

 29FF18

 59FF4C

 13FF00

 70FF65

 88FF7F

 A0FF98

 B7FFB2

 CFFF CB

 E6FFE5

FEFFFE

FFFFFF

# Harmonies

## Analogous

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



D5EB00



41FF32



00FFA8

# Triad

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



41FF32



00F8FF



FF60AA

# Complementary

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



41FF32



F032FF

# 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.



FF69FF



41FF32



2FD7FF

# Square

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



41FF32



00FFFF



FFA3FF



FF9444

# Rectangle

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



41FF32



00FFF2



FFA3FF



FF59CD

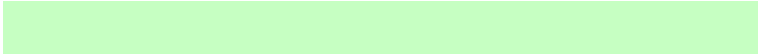


# Sweetspot

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



41FF32



C6FFC2



FFEE32



5D805B



000000



808080



# Same Dimension

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



41FF32



1CFF0A



32FF87



748073



0EBF00



054000



# Inverse Universe

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



F032FF



ED0AFF



FF32AA



7F7380



B100BF

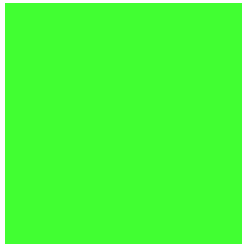


3B0040



# Previews

## White Background



This preview shows how the Hex color 41FF32 looks on a white background.

## Color Contrast Check

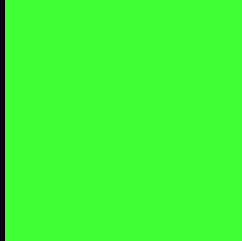
Large Text (above 18pt) WCAG AA × Fail

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 41FF32 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 41FF32 Background



This preview shows how black text looks on a background with the Hex color 41FF32.

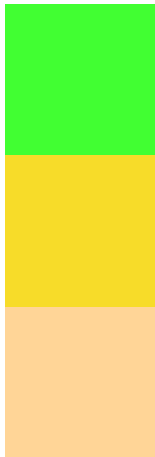


This preview shows how white text looks on a background with the Hex color 41FF32.

# 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](#).

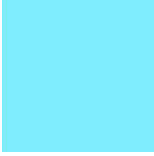
## Dichromacy



**Original Color**  
41FF32

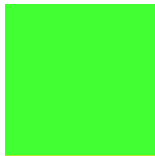
**Protanopia**  
F7DC29

**Deuteranopia**  
FFD597



**Tritanopia**  
80EDFF

# Trichromacy



**Original Color**  
41FF32



**Protanomaly**  
B5E92C

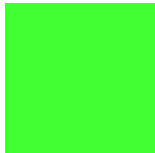


**Deuteranomaly**  
BAE472

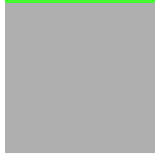


**Tritanomaly**  
69F4B4

# Monochromacy



**Original Color**  
41FF32



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
87CC82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41FF32 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 #41FF32 looks like.

```
.text, #text, p{  
    color:#41FF32  
}
```

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 #41FF32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41FF32
}
```

## Border

The CSS property to change the border of an element to Hex 41FF32 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
#41FF32 }
```

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

```
.border{ border-color:#41FF32 }
```

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

Here you see how a box with a 4 pixel #41FF32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41FF32; -webkit-box-shadow:4px 4px  
4px 4px #41FF32; box-shadow:4px 4px 4px  
4px #41FF32 }
```

# Background

The CSS property to change the background color of an element to Hex 41FF32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41FF32 }
```

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

```
.background{ background-color:#41FF32 }
```

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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