

# Converting Colors

Hex(2FC145)

Have a look what the booklet for  
Hex(2FC145) contains.

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**Color**

**Hex(2FC145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FC145
RGB	47, 193, 69
RGB Percent	18%, 76%, 27%
CMY	0.8157, 0.2431, 0.7294
CMYK	0.76, 0.00, 0.64, 0.24
HSL	129°, 61%, 47%
HSV	129°, 76%, 76%
XYZ	21.3164, 39.1739, 12.0681
YIQ	135.2100, -47.2120, -69.5160

# Conversions

## Conversions Part 2

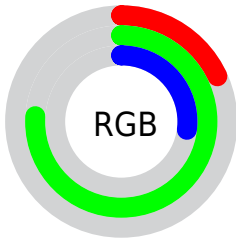
Format	Color
<a href="#">RYB</a>	<a href="#">47, 174, 193</a>
Decimal	<a href="#">3129669</a>
CIELab	<a href="#">68.88, -62.07, 50.27</a>
CIELCh	<a href="#">69, 79.871, 140.995</a>
Yxy	<a href="#">39.1739, 0.2938, 0.5399</a>
Android (android.graphics.Color)	<a href="#">4281319749 (0xFF2FC145)</a>
YUV	<a href="#">135.2100, -32.6415, -77.3602</a>
Hunter-Lab	<a href="#">62.5891, -48.7378, 32.3804</a>

# Details

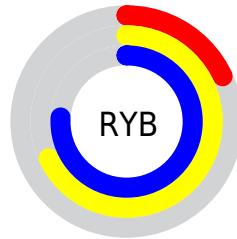
The Hex color **2FC145** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C12FAB**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **74FB7A**, and **008A08** is the 20% darker color. If you saturate the color by 10%, you get **1CC135**, and if you desaturate by 10%, it is **42C155**.

# Distribution



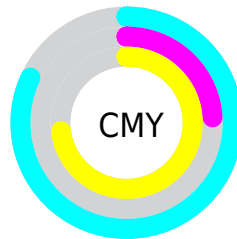
- Red (18%)
- Green (76%)
- Blue (27%)



- Red (18%)
- Yellow (68%)
- Blue (76%)



- Cyan (76%)
- Magenta (0%)
- Yellow (64%)
- Black (24%)



- Cyan (82%)
- Magenta (24%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FC145 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 2FC145 by changing the saturation by 10% instead.



 2FC145

 2FC145


FFFFFF

 00A52A

 74FB7A

 008A08

 93FF95

 006F00

 B1FFB1

 005500

 CFFFCF

 003D00

 EDFFEA

 002500

 000000

 2FC145

 2FC145

 1CC135

 42C155

■ 08C124

■ 56C166

■ 00C11D

■ 69C176

■ 7CC187

■ 90C197

■ A3C1A7

■ B6C1B8

■ C9C1C8

■ DDC1D9

# Harmonies

## Analogous

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



99B400



2FC145



00C78F

# Triad

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



2FC145



00B7FF



FF5F79

# Complementary

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



2FC145



C12FAB

# 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.



FF5DC1



2FC145



759EFF

# Square

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



2FC145



00C4FF



E97CFF



FF7E36

# Rectangle

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



2FC145



00C9C2



E97CFF



FF5A91

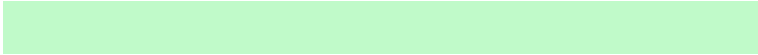


# Sweetspot

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



2FC145



C0FAC9



ABC12F



5A7D5F



FCFCFC



7D7D7D



# Same Dimension

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



2FC145



16FA39



2FC18E



576159



00A118



002105



# Inverse Universe

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



C12FAB



FA16D8



C12F62



61575F



A10088



21001C



# Previews

## White Background



This preview shows how the Hex color 2FC145 looks on a white background.

## Color Contrast Check

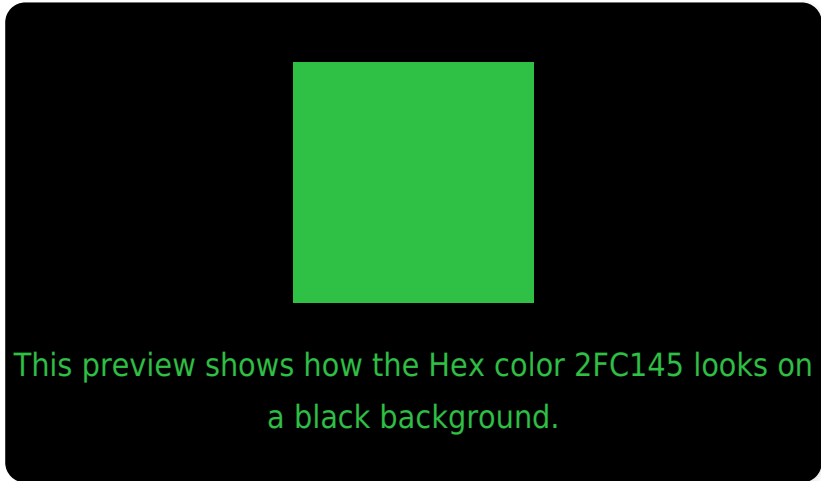
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 2FC145 Background



This preview shows how black text looks on a background with the Hex color 2FC145.

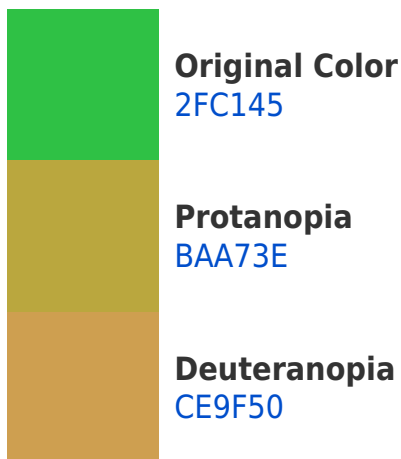


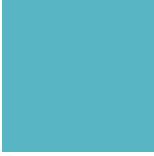
This preview shows how white text looks on a background with the Hex color 2FC145.

# 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**  
58B5C3

# Trichromacy



**Original Color**  
2FC145



**Protanomaly**  
87B041



**Deuteranomaly**  
94AB4C



**Tritanomaly**  
49B995

# Monochromacy



**Original Color**  
2FC145



**Achromatopsia**  
878787



**Achromatomaly**  
679C6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FC145 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 #2FC145 looks like.

```
.text, #text, p{  
    color:#2FC145  
}
```

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 #2FC145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FC145
}
```

## Border

The CSS property to change the border of an element to Hex 2FC145 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
#2FC145 }
```

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

```
.border{ border-color:#2FC145 }
```

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

Here you see how a box with a 4 pixel #2FC145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FC145; -webkit-box-shadow:4px 4px  
4px 4px #2FC145; box-shadow:4px 4px 4px  
4px #2FC145 }
```

# Background

The CSS property to change the background color of an element to Hex 2FC145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FC145 }
```

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

```
.background{ background-color:#2FC145 }
```

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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