

# Converting Colors

Hex(3DFF59)

Have a look what the booklet for  
Hex(3DFF59) contains.

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# Color

Hex(3DFF59)

# Conversions

## Conversions Part 1

Format	Color
Hex	3DFF59
RGB	61, 255, 89
RGB Percent	24%, 100%, 35%
CMY	0.7608, 0.0000, 0.6510
CMYK	0.76, 0.00, 0.65, 0.00
HSL	129°, 100%, 62%
HSV	129°, 76%, 100%
XYZ	39.4876, 73.2334, 21.5054
YIQ	178.0700, -62.3380, -92.7540

# Conversions

## Conversions Part 2

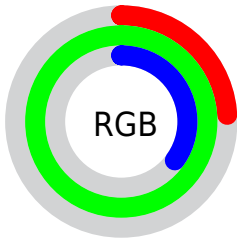
Format	Color
<a href="#">RYB</a>	<a href="#">61, 231, 255</a>
Decimal	<a href="#">4063065</a>
CIELab	<a href="#">88.56, -77.60, 63.80</a>
CIELCh	<a href="#">89, 100.458, 140.573</a>
Yxy	<a href="#">73.2334, 0.2942, 0.5456</a>
Android (android.graphics.Color)	<a href="#">4282253145 (0xFF3DFF59)</a>
YUV	<a href="#">178.0700, -43.9115, -102.6704</a>
Hunter-Lab	<a href="#">85.5765, -67.3935, 45.0039</a>

# Details

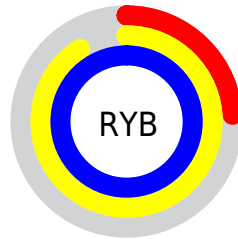
The Hex color **3DFF59** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FF3DE3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **89FF91**, and **00C51A** is the 20% darker color. If you saturate the color by 10%, you get **23FF43**, and if you desaturate by 10%, it is **57FF6F**.

# Distribution



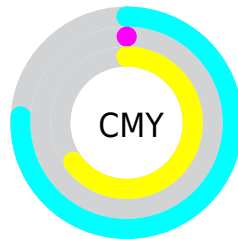
- Red (24%)
- Green (100%)
- Blue (35%)



- Red (24%)
- Yellow (91%)
- Blue (100%)



- Cyan (76%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (76%)
- Magenta (0%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DFF59 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 3DFF59 by changing the saturation by 10% instead.



 3DFF59

 3DFF59

FFFFFF

 00E23C


 89FF91

 00C51A

 AAFFAD

 00A800

 CAFFCA

 008D00

 EAF FE7

 007100

 005700

 003F00

 002400

 000000

 3DFF59

 3DFF59

 23FF43

 57FF6F

 0AFF2D

 70FF85

 00FF25

 8AFF9A

 A3FFB0

 BDFFC6

 D6FFDC

 F0FFF2

FFFFFF

# Harmonies

## Analogous

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



CBED00



3DFF59



00FFBC

# Triad

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



3DFF59



00F3FF



FF7CA1

# Complementary

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



3DFF59



FF3DE3

# 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.



FF79FF



3DFF59



95D2FF

# Square

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



3DFF59



00FFFF



FFA4FF



FFA548

# Rectangle

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



3DFF59



00FFFF



FFA4FF



FF74C1

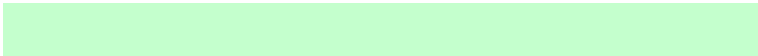


# Sweetspot

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



3DFF59



C4FFCD



E5FF3D



5C8061



000000



808080



# Same Dimension

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



3DFF59



17FF38



3DFFB8



738075



00BF1C



004009



# Inverse Universe

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



FF3DE3



FF17DE



FF3D84



80737E



BF00A4

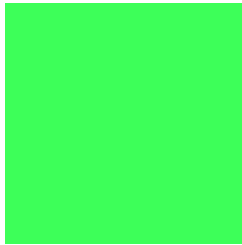


400037



# Previews

## White Background



This preview shows how the Hex color 3DFF59 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 3DFF59 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 3DFF59 Background



This preview shows how black text looks on a background with the Hex color 3DFF59.

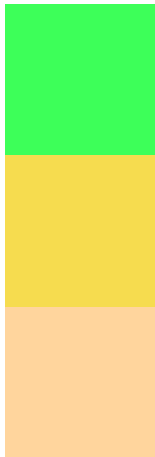


This preview shows how white text looks on a background with the Hex color 3DFF59.

# 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](#).

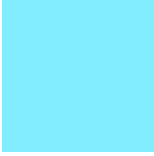
## Dichromacy



**Original Color**  
3DFF59

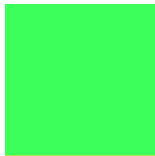
**Protanopia**  
F6DC4F

**Deuteranopia**  
FFD59D



**Tritanopia**  
81EDFF

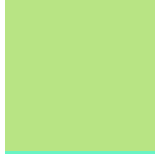
# Trichromacy



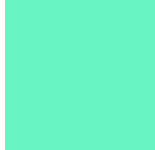
**Original Color**  
3DFF59



**Protanomaly**  
B3E953



**Deuteranomaly**  
B8E484



**Tritanomaly**  
68F4C3

# Monochromacy



**Original Color**  
3DFF59



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
87CE92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DFF59 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 #3DFF59 looks like.

```
.text, #text, p{  
    color:#3DFF59  
}
```

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 #3DFF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DFF59
}
```

## Border

The CSS property to change the border of an element to Hex 3DFF59 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
#3DFF59 }
```

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

```
.border{ border-color:#3DFF59 }
```

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

Here you see how a box with a 4 pixel #3DFF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DFF59; -webkit-box-shadow:4px 4px  
4px 4px #3DFF59; box-shadow:4px 4px 4px  
4px #3DFF59 }
```

# Background

The CSS property to change the background color of an element to Hex 3DFF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DFF59 }
```

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

```
.background{ background-color:#3DFF59 }
```

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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