

# Converting Colors

Hex(29FB58)

Have a look what the booklet for  
Hex(29FB58) contains.

<b>Hex(29FB58)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(29FB58)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	29FB58
RGB	41, 251, 88
RGB Percent	16%, 98%, 35%
CMY	0.8392, 0.0157, 0.6549
CMYK	0.84, 0.00, 0.65, 0.02
HSL	133°, 96%, 57%
HSV	133°, 84%, 98%
XYZ	37.1731, 70.1704, 20.8175
YIQ	169.6280, -72.8370, -95.2130

# Conversions

## Conversions Part 2

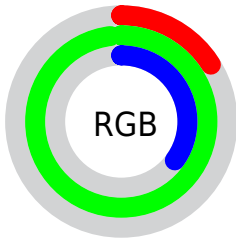
Format	Color
<a href="#">RYB</a>	<a href="#">41, 213, 251</a>
Decimal	<a href="#">2751320</a>
CIELab	<a href="#">87.08, -78.66, 62.51</a>
CIELCh	<a href="#">87, 100.472, 141.528</a>
Yxy	<a href="#">70.1704, 0.2900, 0.5475</a>
Android (android.graphics.Color)	<a href="#">4280941400</a> ( <a href="#">0xFF29FB58</a> )
YUV	<a href="#">169.6280, -40.2426, -112.8068</a>
Hunter-Lab	<a href="#">83.7677, -67.3817, 43.9030</a>

# Details

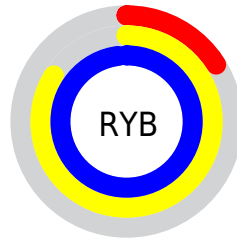
The Hex color **29FB58** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FB29CC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7EFF90**, and **00C119** is the 20% darker color. If you saturate the color by 10%, you get **10FB45**, and if you desaturate by 10%, it is **42FB6B**.

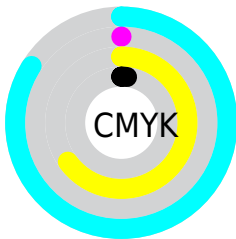
# Distribution



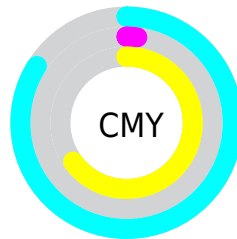
- Red (16%)
- Green (98%)
- Blue (35%)



- Red (16%)
- Yellow (84%)
- Blue (98%)



- Cyan (84%)
- Magenta (0%)
- Yellow (65%)
- Black (2%)



- Cyan (84%)
- Magenta (2%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29FB58 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 29FB58 by changing the saturation by 10% instead.



 29FB58

 29FB58

FFFFFF

 00DE3B

 7EFF90

 00C119

 A0FFAC

 00A400

 C0FFC9

 008900

 E1FFE6

 006E00

 005300

 003B00

 002000

 000000

 29FB58

 29FB58

 10FB45

 42FB6B

 00FB38

 5BFB7F

 74FB92

 8DFBA6

 A6FBB9

 C0FBCD

 D9FBEO

 F2FBF4

 FFFBFF

# Harmonies

## Analogous

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



C3EA00



29FB58



00FFBB

# Triad

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



29FB58



00EEFF



FF789A

# Complementary

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



29FB58



FB29CC

# Split Complementary

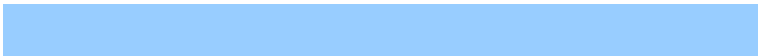
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF73F9



29FB58



98CDFF

# Square

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



29FB58



00FFFF



FF9EFF



FFA240

# Rectangle

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



29FB58



00FFFE



FF9EFF



FF6FBA

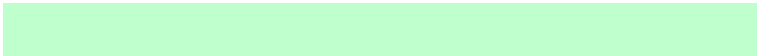


# Sweetspot

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



29FB58



BFFFCE



CDFB29



598062



000000



808080



# Same Dimension

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



29FB58



00FF39



29FBC0



707D73



00BD2A



003D0E



# Inverse Universe

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



FB29CC



FF00C6



FB2964



7D707A



BD0092

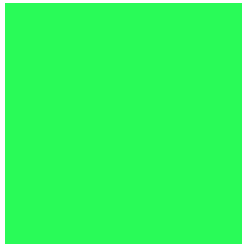


3D0030



# Previews

## White Background



This preview shows how the Hex color 29FB58 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 29FB58 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 29FB58 Background



This preview shows how black text looks on a background with the Hex color 29FB58.

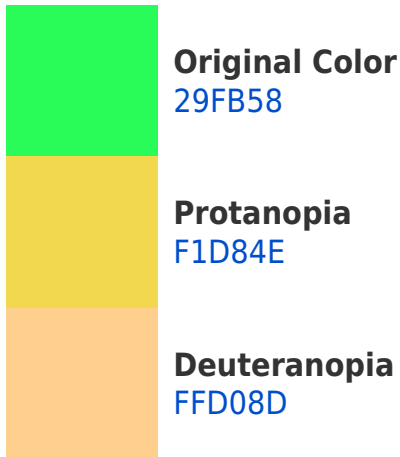


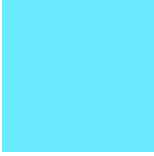
This preview shows how white text looks on a background with the Hex color 29FB58.

# 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](#).

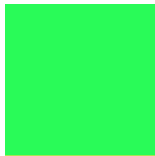
## Dichromacy





**Tritanopia**  
6BEBFE

# Trichromacy



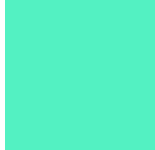
**Original Color**  
29FB58



**Protanomaly**  
A8E552



**Deuteranomaly**  
B1E07A



**Tritanomaly**  
53F1C2

# Monochromacy



**Original Color**  
29FB58



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
7BC78C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29FB58 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 #29FB58 looks like.

```
.text, #text, p{  
    color:#29FB58  
}
```

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 #29FB58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29FB58
}
```

## Border

The CSS property to change the border of an element to Hex 29FB58 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
#29FB58 }
```

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

```
.border{ border-color:#29FB58 }
```

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

Here you see how a box with a 4 pixel #29FB58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29FB58; -webkit-box-shadow:4px 4px  
4px 4px #29FB58; box-shadow:4px 4px 4px  
4px #29FB58 }
```

# Background

The CSS property to change the background color of an element to Hex 29FB58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29FB58 }
```

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

```
.background{ background-color:#29FB58 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor