

Converting Colors

Hex(35FF2F)

Have a look what the booklet for
Hex(35FF2F) contains.

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Color

Hex(35FF2F)

Conversions

Conversions Part 1

Format	Color
Hex	35FF2F
RGB	53, 255, 47
RGB Percent	21%, 100%, 18%
CMY	0.7922, 0.0000, 0.8157
CMYK	0.79, 0.00, 0.82, 0.00
HSL	118°, 100%, 59%
HSV	118°, 82%, 100%
XYZ	37.7413, 72.4821, 14.6906
YIQ	170.8900, -53.6240, -107.5120

Conversions

Conversions Part 2

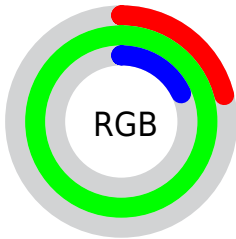
Format	Color
R _Y B	47, 255, 249
Decimal	3538735
CIE Lab	88.20, -81.63, 77.08
CIE LCh	88, 112.272, 136.645
Yxy	72.4821, 0.3021, 0.5803
Android (android.graphics.Color)	4281728815 (0xFF35FF2F)
YUV	170.8900, -61.0778, -103.3895
Hunter-Lab	85.1364, -69.8591, 49.3648

Details

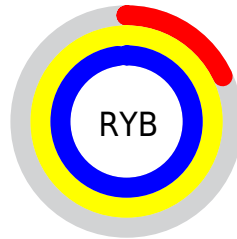
The Hex color **35FF2F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F92FFF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **86FF6F**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **1CFF16**, and if you desaturate by 10%, it is **4EFF49**.

Distribution



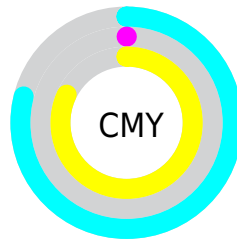
- Red (21%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (98%)



- Cyan (79%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35FF2F 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 35FF2F by changing the saturation by 10% instead.

 35FF2F

 35FF2F

FFFFFF

 00E100

 86FF6F

 00C500

 A8FF8D

 00A800

 C9FFAA

 008C00

 E9FFC7

 007100

 FFFF E5

 005700

 003E00

 002300

 000000

 35FF2F

 35FF2F

 1CFF16

 4EFF49

 07FF00

 67FF62

 7FFF7C

 98FF95

 B1FFAF

 CAFFC8

 E2FFE2

 FBFFF8

FFFFFF

Harmonies

Analogous

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



D2EB00



35FF2F



00FFA8

Triad

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



35FF2F



00F8FF



FF5CA7

Complementary

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



35FF2F



F92FFF

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.



FF64FF



35FF2F



2CD6FF

Square

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



35FF2F



00FFFF



FFA0FF



FF933F

Rectangle

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



35FF2F



00FFF3



FFA0FF



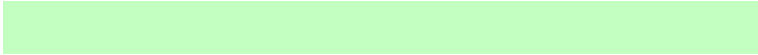
FF53CA

Sweetspot

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



35FF2F



C4FFC2



FFF82F



5C805B



000000



808080

Same Dimension

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



35FF2F



0CFF05



2FFF90



738073



06BF00



024000

Inverse Universe

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



F92FFF



F805FF



FF2F9E



7F7380



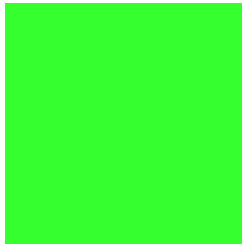
BA00BF



3E0040

Previews

White Background



This preview shows how the Hex color 35FF2F looks on a white background.

Color Contrast Check

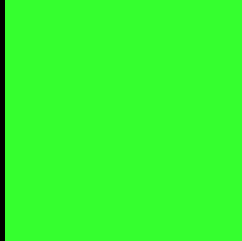
Large Text (above 18pt) WCAG AA × Fail

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 35FF2F 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 35FF2F Background



This preview shows how black text looks on a background with the Hex color 35FF2F.

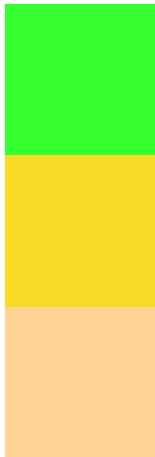


This preview shows how white text looks on a background with the Hex color 35FF2F.

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](#).

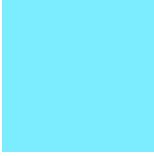
Dichromacy



Original Color
35FF2F

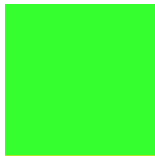
Protanopia
F7DB26

Deuteranopia
FFD495



Tritanopia
7BEDFF

Trichromacy



Original Color
35FF2F



Protanomaly
B0E829

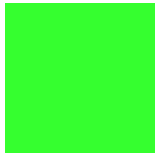


Deuteranomaly
B6E470

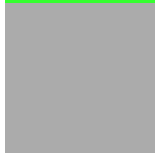


Tritanomaly
62F4B3

Monochromacy



Original Color
35FF2F



Achromatopsia
ABABAB



Achromatomaly
80CA7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 35FF2F 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 #35FF2F looks like.

```
.text, #text, p{  
    color:#35FF2F  
}
```

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 #35FF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35FF2F
}
```

Border

The CSS property to change the border of an element to Hex 35FF2F 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
#35FF2F }
```

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

```
.border{ border-color:#35FF2F }
```

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

Here you see how a box with a 4 pixel #35FF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35FF2F; -webkit-box-shadow:4px 4px  
4px 4px #35FF2F; box-shadow:4px 4px 4px  
4px #35FF2F }
```

Background

The CSS property to change the background color of an element to Hex 35FF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35FF2F }
```

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

```
.background{ background-color:#35FF2F }
```

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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