

Converting Colors

Hex(33F553)

Have a look what the booklet for
Hex(33F553) contains.

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Color

Hex(33F553)

Conversions

Conversions Part 1

Format	Color
Hex	33F553
RGB	51, 245, 83
RGB Percent	20%, 96%, 33%
CMY	0.8000, 0.0392, 0.6745
CMYK	0.79, 0.00, 0.66, 0.04
HSL	130°, 91%, 58%
HSV	130°, 79%, 96%
XYZ	35.5790, 66.6332, 19.1699
YIQ	168.5260, -63.6220, -91.5100

Conversions

Conversions Part 2

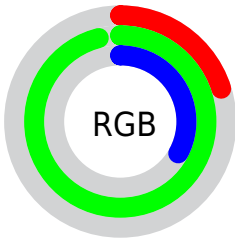
Format	Color
R _{YB}	51, 218, 245
Decimal	3405139
CIE Lab	85.32, -76.37, 62.59
CIE LCh	85, 98.743, 140.662
Yxy	66.6332, 0.2931, 0.5490
Android (android.graphics.Color)	4281595219 (0xFF33F553)
YUV	168.5260, -42.1643, -103.0703
Hunter-Lab	81.6291, -65.0497, 43.2166

Details

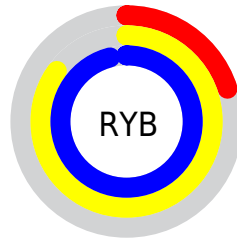
The Hex color **33F553** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F533D5**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **82FF8B**, and **00BB11** is the 20% darker color. If you saturate the color by 10%, you get **1AF53F**, and if you desaturate by 10%, it is **4CF567**.

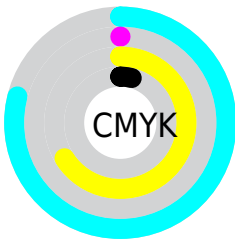
Distribution



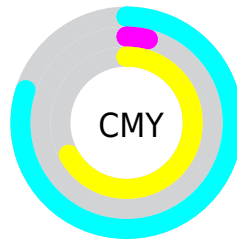
- Red (20%)
- Green (96%)
- Blue (33%)



- Red (20%)
- Yellow (85%)
- Blue (96%)



- Cyan (79%)
- Magenta (0%)
- Yellow (66%)
- Black (4%)



- Cyan (80%)
- Magenta (4%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33F553 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 33F553 by changing the saturation by 10% instead.

 33F553

 33F553


FFFFFF

 00D836

 82FF8B

 00BB11

 A3FFA7

 009F00

 C3FFC4

 008300

 E2FFE1

 006900

FFFFFFE

 004E00

 003600

 001B00

 000000

 33F553

 33F553

 1AF53F

 4CF567

 02F52A

 64F57C

 00F528

 7DF590

 95F5A5

 AEF5B9

 C6F5CE

 DFF5E2

 F7F5F7

 FFF5FF

Harmonies

Analogous

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



C2E400



33F553



00FDB4

Triad

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



33F553



00E9FF



FF7499

Complementary

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



33F553



F533D5

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.



FF71F7



33F553



8DC9FF

Square

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



33F553



00FAFF



FF9CFF



FF9D41

Rectangle

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



33F553



00FFF5



FF9CFF



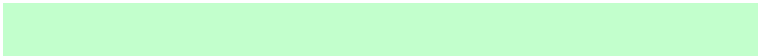
FF6CB8

Sweetspot

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



33F553



C2FFCC



D8F533



5B8061



000000



808080

Same Dimension

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



33F553



0DFF35



33F5B1



6E7A70



00BA1F



003B0A

Inverse Universe

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



F533D5



FF0DD7



F53377



7A6E78



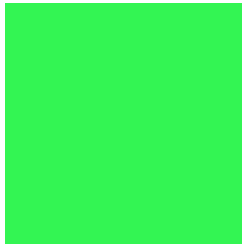
BA009B



3B0031

Previews

White Background



This preview shows how the Hex color 33F553 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 33F553 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 33F553 Background



This preview shows how black text looks on a background with the Hex color 33F553.

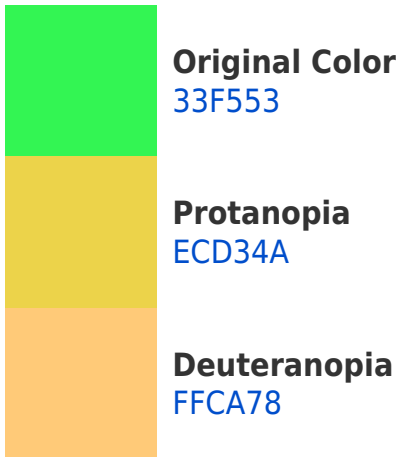


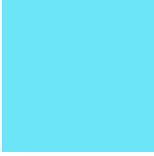
This preview shows how white text looks on a background with the Hex color 33F553.

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](#).

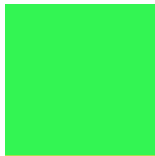
Dichromacy





Tritanopia
6DE5F8

Trichromacy



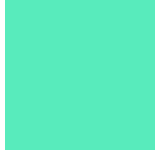
Original Color
33F553



Protanomaly
A9DF4D



Deuteranomaly
B5DA6B

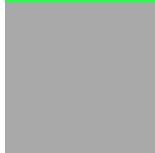


Tritanomaly
58EBBC

Monochromacy



Original Color
33F553



Achromatopsia
A9A9A9



Achromatomaly
7EC58A

CSS Examples

Text

The CSS property to change the color of the text to Hex 33F553 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 #33F553 looks like.

```
.text, #text, p{  
    color:#33F553  
}
```

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 #33F553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33F553
}
```

Border

The CSS property to change the border of an element to Hex 33F553 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
#33F553 }
```

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

```
.border{ border-color:#33F553 }
```

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

Here you see how a box with a 4 pixel #33F553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33F553; -webkit-box-shadow:4px 4px  
4px 4px #33F553; box-shadow:4px 4px 4px  
4px #33F553 }
```

Background

The CSS property to change the background color of an element to Hex 33F553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33F553 }
```

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

```
.background{ background-color:#33F553 }
```

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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