

Converting Colors

Hex(53FF53)

Have a look what the booklet for
Hex(53FF53) contains.

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Color

Hex(53FF53)

Conversions

Conversions Part 1

Format	Color
Hex	53FF53
RGB	83, 255, 83
RGB Percent	33%, 100%, 33%
CMY	0.6745, 0.0000, 0.6745
CMYK	0.67, 0.00, 0.67, 0.00
HSL	120°, 100%, 66%
HSV	120°, 67%, 100%
XYZ	40.8886, 73.9835, 20.3088
YIQ	183.9640, -47.3000, -89.9560

Conversions

Conversions Part 2

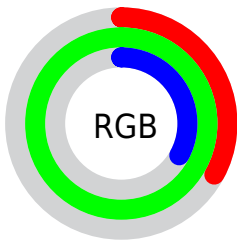
Format	Color
RYB	83, 255, 255
Decimal	5504851
CIELab	88.91, -74.77, 66.62
CIELCh	89, 100.141, 138.301
Yxy	73.9835, 0.3025, 0.5473
Android (android.graphics.Color)	4283694931 (0xFF53FF53)
YUV	183.9640, -49.7753, -88.5454
Hunter-Lab	86.0137, -65.6698, 46.2105

Details

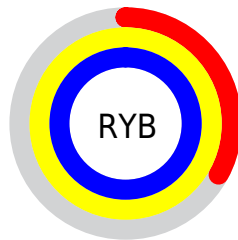
The Hex color **53FF53** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **FF53FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **98FF8C**, and **00C50C** is the 20% darker color. If you saturate the color by 10%, you get **39FF39**, and if you desaturate by 10%, it is **6CFF6C**.

Distribution



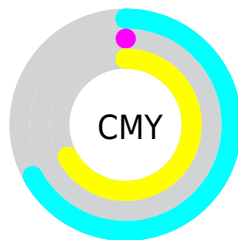
- Red (33%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53FF53 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 53FF53 by changing the saturation by 10% instead.

 53FF53

 53FF53

FFFFFF

 23E235

 98FF8C

 00C50C

 B8FFA8

 00A800

 D7FFC5

 008D00

 F7FFE2

 007200

 005800

 003F00

 002500

 000000

 53FF53

 53FF53

 39FF39

 6CFF6C

 20FF20

 86FF86

 07FF07

 A0FFA0

 00FF00

 B9FFB9

 D3FFD3

 ECFFEC

FFFFFF

Harmonies

Analogous

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



D4EC00



53FF53



00FFB5

Triad

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



53FF53



00F5FF



FF7BA9

Complementary

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



53FF53



FF53FF

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.



FF7DFF



53FF53



82D6FF

Square

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



53FF53



00FFFF



FFA9FF



FFA350

Rectangle

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



53FF53



00FFF8



FFA9FF



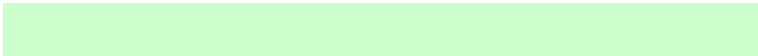
FF75C9

Sweetspot

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



53FF53



CCFFCC



FFFF53



618061



000000



808080

Same Dimension

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



53FF53



30FF30



53FFA9



738073



00BF00



004000

Inverse Universe

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



FF53FF



FF30FF



FF53A9



807380



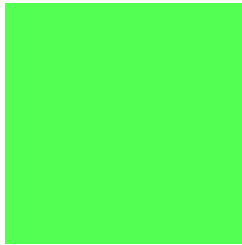
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 53FF53 looks on a white background.

Color Contrast Check

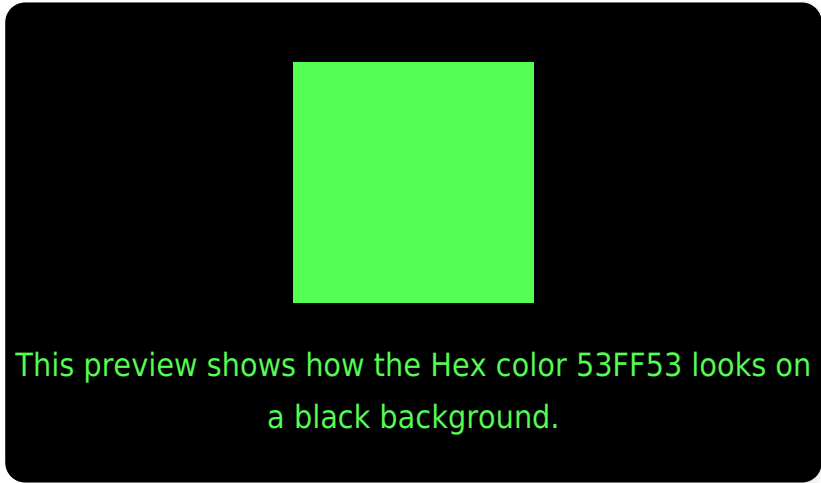
Large Text (above 18pt) WCAG AA × Fail

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

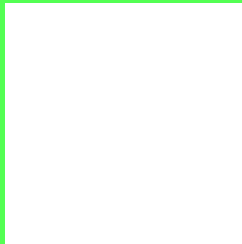
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 53FF53 Background



This preview shows how black text looks on a background with the Hex color 53FF53.

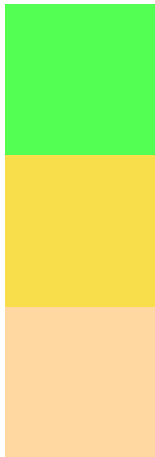


This preview shows how white text looks on a background with the Hex color 53FF53.

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](#).

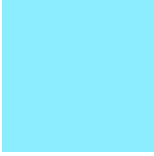
Dichromacy



Original Color
53FF53

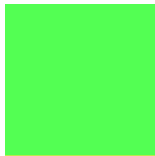
Protanopia
F7DE4A

Deuteranopia
FFD7A0

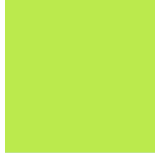


Tritanopia
8BEDFF

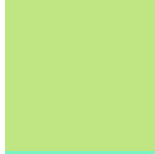
Trichromacy



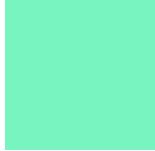
Original Color
53FF53



Protanomaly
BBEA4D

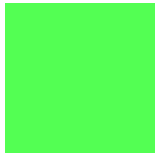


Deuteranomaly
C0E684

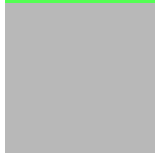


Tritanomaly
77F4C0

Monochromacy



Original Color
53FF53



Achromatopsia
B8B8B8



Achromatomaly
93D293

CSS Examples

Text

The CSS property to change the color of the text to Hex 53FF53 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 #53FF53 looks like.

```
.text, #text, p{  
    color:#53FF53  
}
```

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 #53FF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53FF53
}
```

Border

The CSS property to change the border of an element to Hex 53FF53 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".

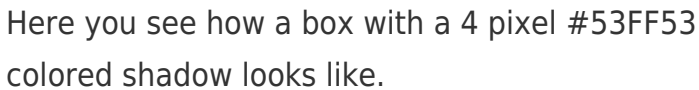
```
.border, #border, table{ border:4px solid
#53FF53 }
```

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

```
.border{ border-color:#53FF53 }
```

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

Here you see how a box with a 4 pixel #53FF53 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53FF53; -webkit-box-shadow:4px 4px  
4px 4px #53FF53; box-shadow:4px 4px 4px  
4px #53FF53 }
```

Background

The CSS property to change the background color of an element to Hex 53FF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53FF53 }
```

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

```
.background{ background-color:#53FF53 }
```

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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