

Converting Colors

Hex(50FF53)

Have a look what the booklet for
Hex(50FF53) contains.

Hex(50FF53)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50FF53)

Conversions

Conversions Part 1

Format	Color
Hex	50FF53
RGB	80, 255, 83
RGB Percent	31%, 100%, 33%
CMY	0.6863, 0.0000, 0.6745
CMYK	0.69, 0.00, 0.67, 0.00
HSL	121°, 100%, 66%
HSV	121°, 69%, 100%
XYZ	40.6296, 73.8500, 20.2967
YIQ	183.0670, -49.0880, -90.5920

Conversions

Conversions Part 2

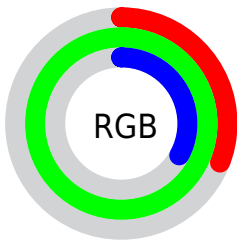
Format	Color
RYB	80, 252, 255
Decimal	5308243
CIELab	88.85, -75.30, 66.53
CIELCh	89, 100.477, 138.537
Yxy	73.8500, 0.3015, 0.5479
Android (android.graphics.Color)	4283498323 (0xFF50FF53)
YUV	183.0670, -49.3330, -90.3898
Hunter-Lab	85.9360, -65.9952, 46.1519

Details

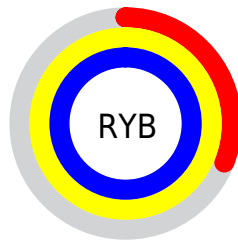
The Hex color **50FF53** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **FF50FC**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **96FF8C**, and **00C50C** is the 20% darker color. If you saturate the color by 10%, you get **37FF3A**, and if you desaturate by 10%, it is **6AFF6C**.

Distribution



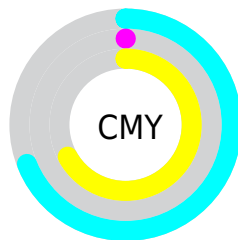
- Red (31%)
- Green (100%)
- Blue (33%)



- Red (31%)
- Yellow (99%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50FF53 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 50FF53 by changing the saturation by 10% instead.

 50FF53

FFFFFF

 96FF8C

 B6FFA8

 D5FFC5

 F5FFE2

 50FF53


 1DE235

 00C50C

 00A800

 008D00

 007200

 005700

 003F00

 002500

 000000

 50FF53

 50FF53

 37FF3A

 6AFF6C

 1DFF21

 83FF85

 04FF08

 9DFF9E

 00FF04

 B6FFB7

 D0FFD0

 E9FFE9

FFFFFF

Harmonies

Analogous

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



D3ED00



50FF53



00FFB6

Triad

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



50FF53



00F5FF



FF7BA8

Complementary

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



50FF53



FF50FC

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.



FF7CFF



50FF53



84D6FF

Square

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



50FF53



00FFFF



FFA8FF



FFA34F

Rectangle

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



50FF53



00FFF9



FFA8FF



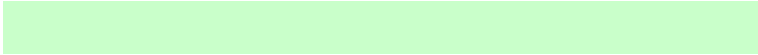
FF75C8

Sweetspot

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



50FF53



C9FFCA



FCFF50



608060



000000



808080

Same Dimension

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



50FF53



2EFF31



50FFAA



738073



00BF03



004001

Inverse Universe

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



FF50FC



FF2EFB



FF50A5



80737F



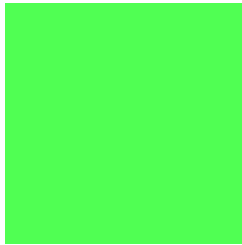
BF00BC



40003F

Previews

White Background



This preview shows how the Hex color 50FF53 looks on a white background.

Color Contrast Check

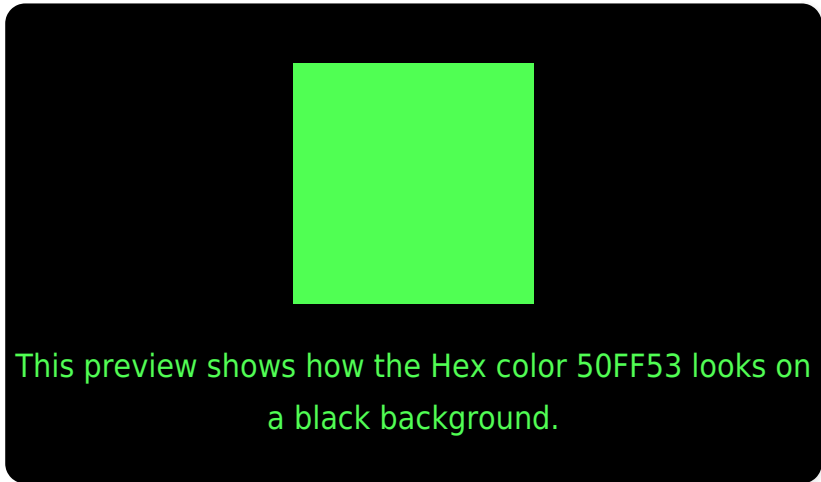
Large Text (above 18pt) WCAG AA × Fail

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 50FF53 Background



This preview shows how black text looks on a background with the Hex color 50FF53.

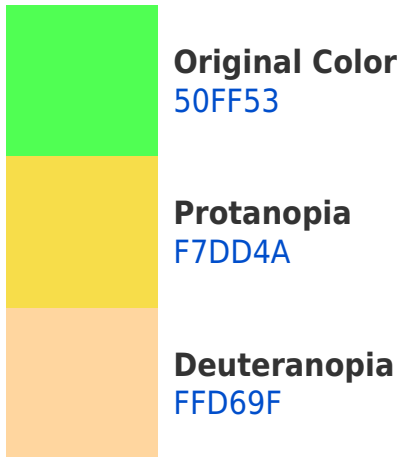


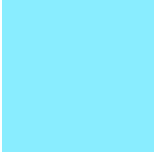
This preview shows how white text looks on a background with the Hex color 50FF53.

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](#).

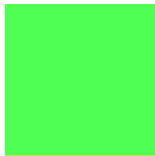
Dichromacy



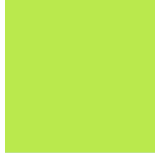


Tritanopia
89EDFF

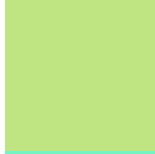
Trichromacy



Original Color
50FF53



Protanomaly
BAE94D

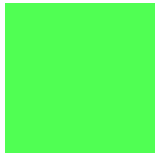


Deuteranomaly
BFE583

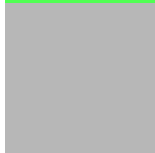


Tritanomaly
74F4C0

Monochromacy



Original Color
50FF53



Achromatopsia
B7B7B7



Achromatomaly
92D193

CSS Examples

Text

The CSS property to change the color of the text to Hex 50FF53 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 #50FF53 looks like.

```
.text, #text, p{  
    color:#50FF53  
}
```

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 #50FF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FF53
}
```

Border

The CSS property to change the border of an element to Hex 50FF53 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
#50FF53 }
```

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

```
.border{ border-color:#50FF53 }
```

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

Here you see how a box with a 4 pixel #50FF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FF53; -webkit-box-shadow:4px 4px  
4px 4px #50FF53; box-shadow:4px 4px 4px  
4px #50FF53 }
```

Background

The CSS property to change the background color of an element to Hex 50FF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FF53 }
```

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

```
.background{ background-color:#50FF53 }
```

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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