

Converting Colors

Hex(53FF27)

Have a look what the booklet for
Hex(53FF27) contains.

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Color

Hex(53FF27)

Conversions

Conversions Part 1

Format	Color
Hex	53FF27
RGB	83, 255, 39
RGB Percent	33%, 100%, 15%
CMY	0.6745, 0.0000, 0.8471
CMYK	0.67, 0.00, 0.85, 0.00
HSL	108°, 100%, 58%
HSV	108°, 85%, 100%
XYZ	39.6935, 73.5055, 14.0154
YIQ	178.9480, -33.1760, -103.6400

Conversions

Conversions Part 2

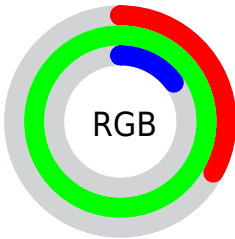
Format	Color
RYB	39, 255, 211
Decimal	5504807
CIELab	88.69, -77.51, 79.51
CIELCh	89, 111.041, 134.268
Yxy	73.5055, 0.3120, 0.5778
Android (android.graphics.Color)	4283694887 (0xFF53FF27)
YUV	178.9480, -68.9944, -84.1464
Hunter-Lab	85.7353, -67.3955, 50.3225

Details

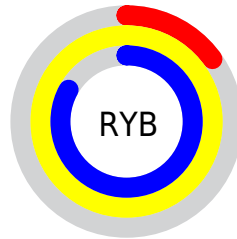
The Hex color **53FF27** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D327FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **99FF6A**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3FFF0E**, and if you desaturate by 10%, it is **67FF41**.

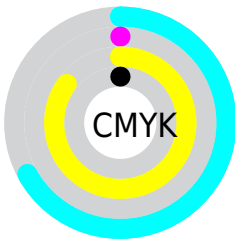
Distribution



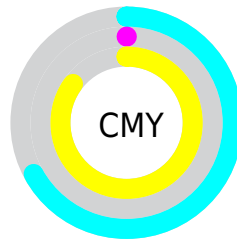
- Red (33%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (83%)



- Cyan (67%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53FF27 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 53FF27 by changing the saturation by 10% instead.

 53FF27

 53FF27

FFFFFF

 20E200

 99FF6A

 00C500

 BAFF88

 00A800

 DAFFA6

 008D00

 F9FFC3

 007200

 FFFFE1

 005700

 003F00

 002500

 000000

 53FF27

 53FF27

 3FFF0E

 67FF41

 34FF00

 7CFF5A

 90FF74

 A4FF8D

 B9FFA7

 CDFFC0

 E1FFDA

 F5FFF3

FFFFFF

Harmonies

Analogous

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



DDEA00



53FF27



00FFA1

Triad

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



53FF27



00BFF



FF5B1

Complementary

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



53FF27



D327FF

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.



FF6CFF



53FF27



00DBFF

Square

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



53FF27



00FFFF



FFA8FF



FF914B

Rectangle

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



53FF27



00FFEB



FFA8FF



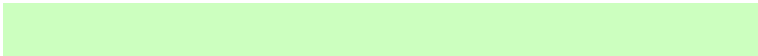
FF59D4

Sweetspot

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



53FF27



CCFFBF



FFD027



618059



000000



808080

Same Dimension

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



53FF27



34FF00



27FF64



758073



27BF00



0D4000

Inverse Universe

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



D327FF



CB00FF



FF27C2



7D7380



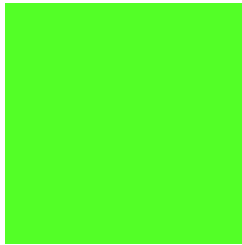
9800BF



330040

Previews

White Background



This preview shows how the Hex color 53FF27 looks on a white background.

Color Contrast Check

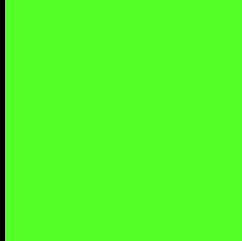
Large Text (above 18pt) WCAG AA × Fail

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 53FF27 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 53FF27 Background



This preview shows how black text looks on a background with the Hex color 53FF27.

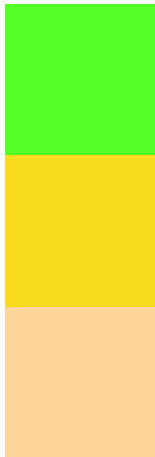


This preview shows how white text looks on a background with the Hex color 53FF27.

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](#).

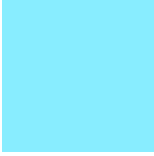
Dichromacy



Original Color
53FF27

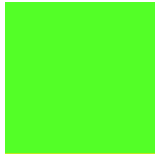
Protanopia
F9DD1D

Deuteranopia
FFD69A



Tritanopia
88EDFF

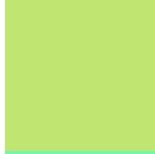
Trichromacy



Original Color
53FF27



Protanomaly
BDE921

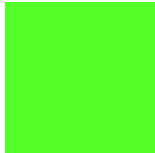


Deuteranomaly
C0E570



Tritanomaly
75F4B0

Monochromacy



Original Color
53FF27



Achromatopsia
B3B3B3



Achromatomaly
90CF80

CSS Examples

Text

The CSS property to change the color of the text to Hex 53FF27 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 #53FF27 looks like.

```
.text, #text, p{  
    color:#53FF27  
}
```

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 #53FF27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53FF27
}
```

Border

The CSS property to change the border of an element to Hex 53FF27 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
#53FF27 }
```

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

```
.border{ border-color:#53FF27 }
```

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

Here you see how a box with a 4 pixel #53FF27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53FF27; -webkit-box-shadow:4px 4px  
4px 4px #53FF27; box-shadow:4px 4px 4px  
4px #53FF27 }
```

Background

The CSS property to change the background color of an element to Hex 53FF27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53FF27 }
```

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

```
.background{ background-color:#53FF27 }
```

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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