

Converting Colors

Hex(60F53F)

Have a look what the booklet for
Hex(60F53F) contains.

Hex(60F53F)	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(60F53F)

Conversions

Conversions Part 1

Format	Color
Hex	60F53F
RGB	96, 245, 63
RGB Percent	38%, 96%, 25%
CMY	0.6235, 0.0392, 0.7529
CMYK	0.61, 0.00, 0.74, 0.04
HSL	109°, 90%, 60%
HSV	109°, 74%, 96%
XYZ	38.3735, 68.1505, 15.8345
YIQ	179.7010, -30.3820, -88.1900

Conversions

Conversions Part 2

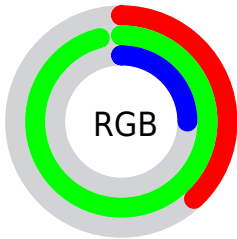
Format	Color
RYB	63, 245, 212
Decimal	6354239
CIELab	86.08, -70.46, 70.83
CIElCh	86, 99.907, 134.851
Yxy	68.1505, 0.3136, 0.5570
Android (android.graphics.Color)	4284544319 (0xFF60F53F)
YUV	179.7010, -57.5336, -73.4058
Hunter-Lab	82.5533, -61.4957, 46.4149

Details

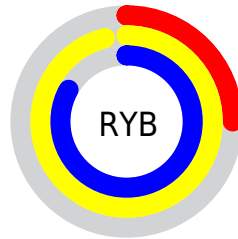
The Hex color **60F53F** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **D43FF5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A1FF7A**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **4CF526**, and if you desaturate by 10%, it is **74F557**.

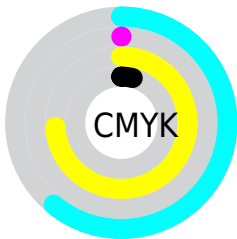
Distribution



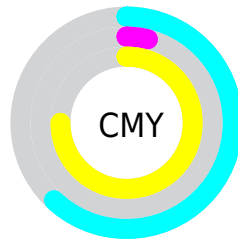
- Red (38%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (83%)



- Cyan (61%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (62%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60F53F 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 60F53F by changing the saturation by 10% instead.

 60F53F

 60F53F


FFFFFF

 3AD81A

 A1FF7A

 00BB00

 C0FF96

 009F00

 DFFF B3

 008400

 FEFFD0

 006A00

 FFFFEE

 005000

 003800

 001D00

 000000

 60F53F

 60F53F

 4CF526

 74F557

 38F50E

 88F570

 2CF500

 9CF589

 B0F5A1

 C4F5BA

 D8F5D2

 ECF5EB

 FFF5FF

Harmonies

Analogous

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



D6E200



60F53F



00FFA2

Triad

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



60F53F



00F0FF



FF6FAD

Complementary

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



60F53F



D43FF5

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.



FF78FF



60F53F



48D3FF

Square

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



60F53F



00FEFF



FFA6FF



FF9653

Rectangle

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



60F53F



00FFE5



FFA6FF



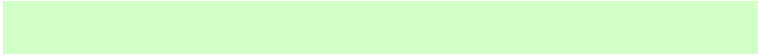
FF6BCC

Sweetspot

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



60F53F



D1FFC7



F5D43F



64805E



000000



808080

Same Dimension

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



60F53F



45FF1C



3FF579



707A6E



22BA00



0B3B00

Inverse Universe

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



D43FF5



D61CFF



F53FBB



786E7A



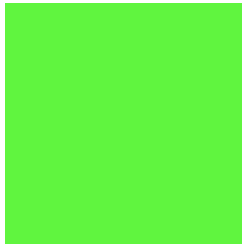
9800BA



30003B

Previews

White Background



This preview shows how the Hex color 60F53F looks on a white background.

Color Contrast Check

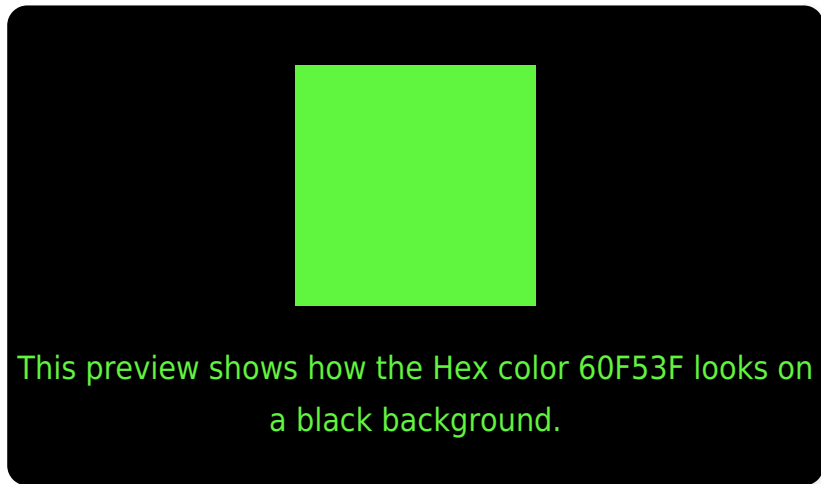
Large Text (above 18pt) WCAG AA × Fail

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

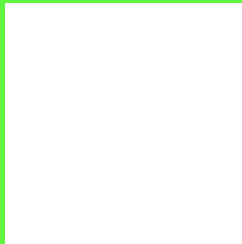
Any Text WCAG AAA ✓ Pass

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

Hex 60F53F Background



This preview shows how black text looks on a background with the Hex color 60F53F.

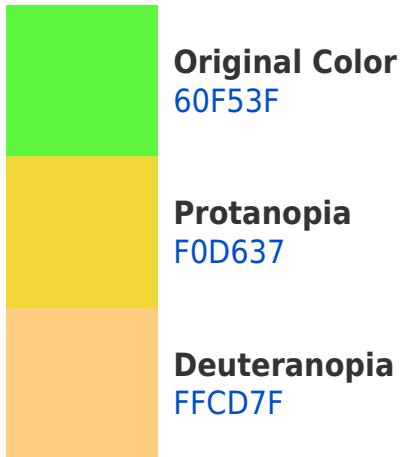


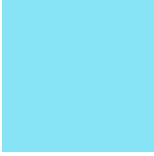
This preview shows how white text looks on a background with the Hex color 60F53F.

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](#).

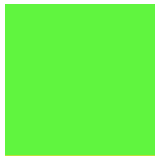
Dichromacy





Tritanopia
87E4F7

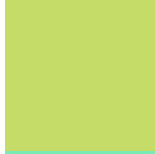
Trichromacy



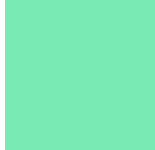
Original Color
60F53F



Protanomaly
BCE13A

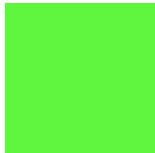


Deuteranomaly
C5DC68

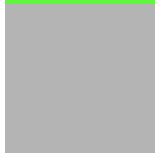


Tritanomaly
79EAB4

Monochromacy



Original Color
60F53F



Achromatopsia
B4B4B4



Achromatomaly
95CC89

CSS Examples

Text

The CSS property to change the color of the text to Hex 60F53F 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 #60F53F looks like.

```
.text, #text, p{  
    color:#60F53F  
}
```

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 #60F53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60F53F
}
```

Border

The CSS property to change the border of an element to Hex 60F53F 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
#60F53F }
```

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

```
.border{ border-color:#60F53F }
```

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

Here you see how a box with a 4 pixel #60F53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60F53F; -webkit-box-shadow:4px 4px  
4px 4px #60F53F; box-shadow:4px 4px 4px  
4px #60F53F }
```

Background

The CSS property to change the background color of an element to Hex 60F53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60F53F }
```

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

```
.background{ background-color:#60F53F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor