

Converting Colors

Hex(60FF63)

Have a look what the booklet for
Hex(60FF63) contains.

| | |
|--|----|
| Hex(60FF63) | 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(60FF63)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60FF63 |
| RGB | 96, 255, 99 |
| RGB Percent | 38%, 100%, 39% |
| CMY | 0.6235, 0.0000, 0.6118 |
| CMYK | 0.62, 0.00, 0.61, 0.00 |
| HSL | 121°, 100%, 69% |
| HSV | 121°, 62%, 100% |
| XYZ | 42.8360, 74.9076, 24.0053 |
| YIQ | 189.6750, -44.6880, -82.2240 |

Conversions

Conversions Part 2

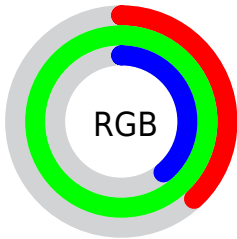
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 96, 252, 255 |
| Decimal | 6356835 |
| CIELab | 89.35, -70.75, 60.82 |
| CIELCh | 89, 93.292, 139.316 |
| Yxy | 74.9076, 0.3022, 0.5285 |
| Android (android.graphics.Color) | 4284546915 (0xFF60FF63) |
| YUV | 189.6750, -44.7028, -82.1530 |
| Hunter-Lab | 86.5492, -63.1157, 44.1398 |

Details

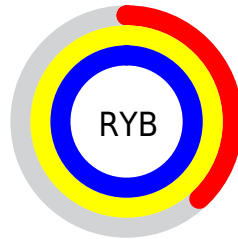
The Hex color **60FF63** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF60FC**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **A1FF9A**, and **00C529** is the 20% darker color. If you saturate the color by 10%, you get **47FF4A**, and if you desaturate by 10%, it is **7AFF7C**.

Distribution



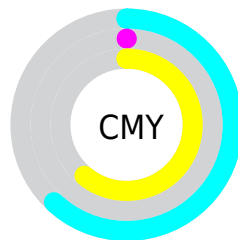
- Red (38%)
- Green (100%)
- Blue (39%)



- Red (38%)
- Yellow (99%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60FF63 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 60FF63 by changing the saturation by 10% instead.

 60FF63

 60FF63

FFFFFF

 39E247

 A1FF9A

 00C529

 C0FFB7

 00A900

 E0FFD3

 008D00

 FFFFF1

 007200

 005800

 003F00

 002600

 000000

 60FF63

 60FF63

 47FF4A

 7AFF7C

 2DFF31

 93FF95

 14FF18

 ADFFAE

 00FF05

 C6FFC7

 E0FFE0

 F9FFF9

FFFFFF

Harmonies

Analogous

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



D4EE00



60FF63



00FFBD

Triad

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



60FF63



00F4FF



FF89AB

Complementary

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



60FF63



FF60FC

Split Complementary

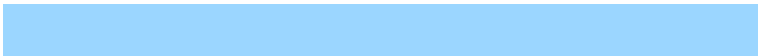
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF89FF



60FF63



9BD6FF

Square

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



60FF63



00FFFF



FFADFF



FFAB5A

Rectangle

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



60FF63



00FFFB



FFADFF



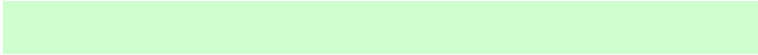
FF84C8

Sweetspot

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



60FF63



CFFFCF



FCFF60



628063



000000



808080

Same Dimension

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



60FF63



40FF43



60FFB2



738073



00BF04



004001

Inverse Universe

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



FF60FC



FF40FB



FF60AD



80737F



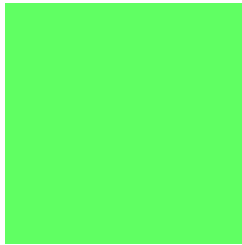
BF00BC



40003F

Previews

White Background



This preview shows how the Hex color 60FF63 looks on a white background.

Color Contrast Check

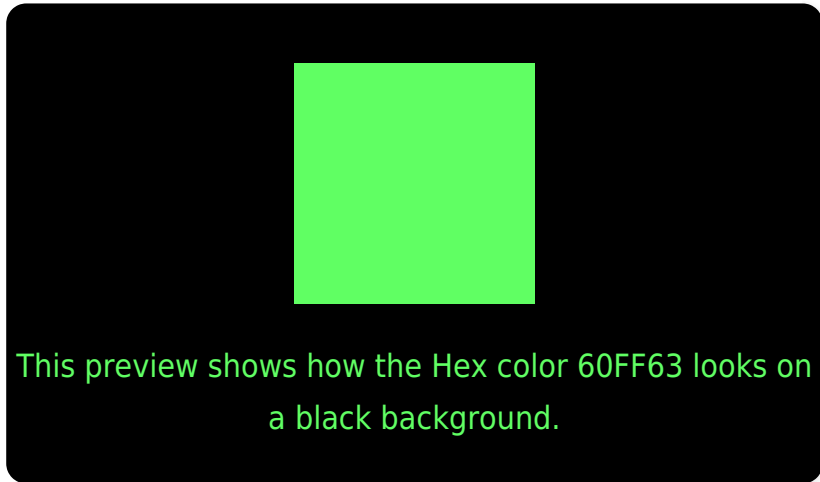
Large Text (above 18pt) WCAG AA × Fail

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 60FF63 Background



This preview shows how black text looks on a background with the Hex color 60FF63.

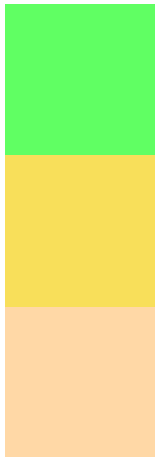


This preview shows how white text looks on a background with the Hex color 60FF63.

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](#).

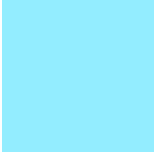
Dichromacy



Original Color
60FF63

Protanopia
F8DF5A

Deuteranopia
FFD8A6



Tritanopia
93EDFF

Trichromacy



Original Color
60FF63



Protanomaly
C1EB5D



Deuteranomaly
C5E68E

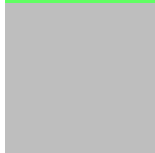


Tritanomaly
80F4C6

Monochromacy



Original Color
60FF63



Achromatopsia
BEBEBE



Achromatomaly
9CD69D

CSS Examples

Text

The CSS property to change the color of the text to Hex 60FF63 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 #60FF63 looks like.

```
.text, #text, p{  
    color:#60FF63  
}
```

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 #60FF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60FF63
}
```

Border

The CSS property to change the border of an element to Hex 60FF63 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
#60FF63 }
```

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

```
.border{ border-color:#60FF63 }
```

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

Here you see how a box with a 4 pixel #60FF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60FF63; -webkit-box-shadow:4px 4px  
4px 4px #60FF63; box-shadow:4px 4px 4px  
4px #60FF63 }
```

Background

The CSS property to change the background color of an element to Hex 60FF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60FF63 }
```

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

```
.background{ background-color:#60FF63 }
```

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