

Converting Colors

Hex(63FF50)

Have a look what the booklet for
Hex(63FF50) contains.

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Color

Hex(63FF50)

Conversions

Conversions Part 1

Format	Color
Hex	63FF50
RGB	99, 255, 80
RGB Percent	39%, 100%, 31%
CMY	0.6118, 0.0000, 0.6863
CMYK	0.61, 0.00, 0.69, 0.00
HSL	113°, 100%, 66%
HSV	113°, 69%, 100%
XYZ	42.3536, 74.7518, 19.7857
YIQ	188.4060, -36.8010, -87.4970

Conversions

Conversions Part 2

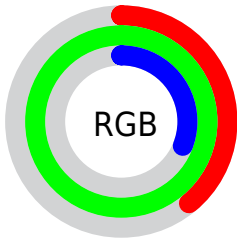
Format	Color
RYB	80, 255, 236
Decimal	6553424
CIELab	89.28, -71.87, 68.23
CIELCh	89, 99.102, 136.490
Yxy	74.7518, 0.3094, 0.5461
Android (android.graphics.Color)	4284743504 (0xFF63FF50)
YUV	188.4060, -53.4442, -78.4091
Hunter-Lab	86.4591, -63.8621, 46.9532

Details

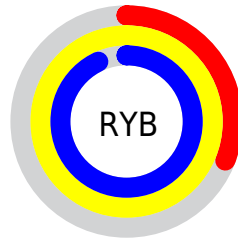
The Hex color **63FF50** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **EC50FF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A4FF89**, and **00C501** is the 20% darker color. If you saturate the color by 10%, you get **4CFF37**, and if you desaturate by 10%, it is **7AFF6A**.

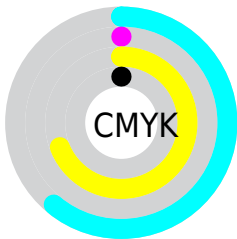
Distribution



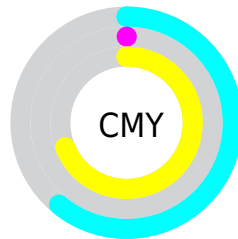
- Red (39%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (93%)



- Cyan (61%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (61%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63FF50 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 63FF50 by changing the saturation by 10% instead.

 63FF50

 63FF50

FFFFFF

 3DE231

 A4FF89

 00C501

 C4FFA6

 00A900

 E3FFC2

 008D00

 FFFFEO

 007200

FFFFFFD

 005800

 003F00

 002600

 000000

 63FF50

 63FF50

 4CFF37

 7AFF6A

 36FF1D

 90FF83

 1FFF04

 A7FF9D

 1CFF00

 BEFFB6

 D5FFD0

 EBFFE9

FFFFFF

Harmonies

Analogous

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



DBEC00



63FF50



00FFB1

Triad

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



63FF50



00F8FF



FF7DB0

Complementary

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



63FF50



EC50FF

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.



FF82FF



63FF50



74D9FF

Square

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



63FF50



00FFFF



FFADFF



FFA258

Rectangle

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



63FF50



00FFF3



FFADFF



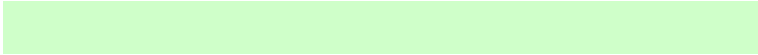
FF78D0

Sweetspot

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



63FF50



CFFFC9



FFEB50



638060



000000



808080

Same Dimension

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



63FF50



45FF2E



50FF93



748073



15BF00



074000

Inverse Universe

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



EC50FF



E82EFF



FF50BC



7E7380



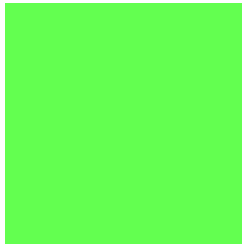
AA00BF



390040

Previews

White Background



This preview shows how the Hex color 63FF50 looks on a white background.

Color Contrast Check

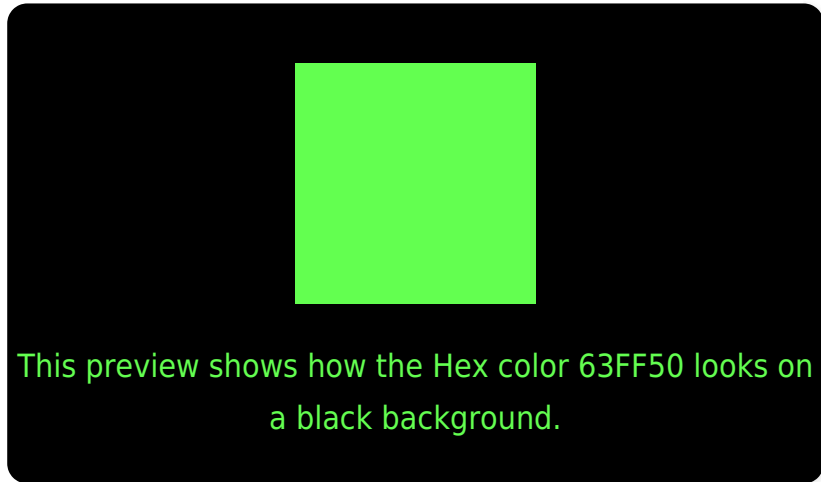
Large Text (above 18pt) WCAG AA × Fail

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

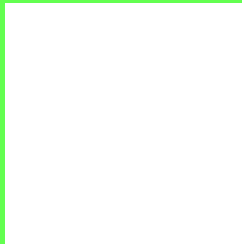
Any Text WCAG AAA ✓ Pass

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

Hex 63FF50 Background



This preview shows how black text looks on a background with the Hex color 63FF50.

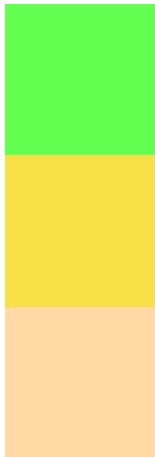


This preview shows how white text looks on a background with the Hex color 63FF50.

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](#).

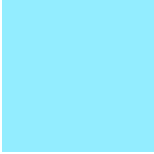
Dichromacy



Original Color
63FF50

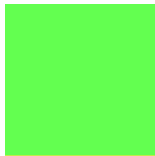
Protanopia
F9DF47

Deuteranopia
FFD8A4



Tritanopia
93EDFF

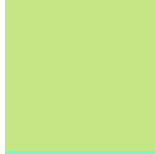
Trichromacy



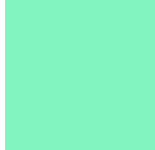
Original Color
63FF50



Protanomaly
C2EB4A

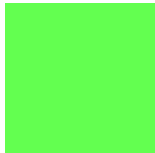


Deuteranomaly
C6E685

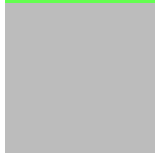


Tritanomaly
82F4BF

Monochromacy



Original Color
63FF50



Achromatopsia
BCBCBC



Achromatomaly
9CD495

CSS Examples

Text

The CSS property to change the color of the text to Hex 63FF50 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 #63FF50 looks like.

```
.text, #text, p{  
    color:#63FF50  
}
```

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 #63FF50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63FF50
}
```

Border

The CSS property to change the border of an element to Hex 63FF50 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
#63FF50 }
```

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

```
.border{ border-color:#63FF50 }
```

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

Here you see how a box with a 4 pixel #63FF50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63FF50; -webkit-box-shadow:4px 4px  
4px 4px #63FF50; box-shadow:4px 4px 4px  
4px #63FF50 }
```

Background

The CSS property to change the background color of an element to Hex 63FF50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63FF50 }
```

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

```
.background{ background-color:#63FF50 }
```

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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