

Converting Colors

Hex(C1FB63)

Have a look what the booklet for
Hex(C1FB63) contains.

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Color

Hex(C1FB63)

Conversions

Conversions Part 1

Format	Color
Hex	C1FB63
RGB	193, 251, 99
RGB Percent	76%, 98%, 39%
CMY	0.2431, 0.0157, 0.6118
CMYK	0.23, 0.00, 0.61, 0.02
HSL	83°, 95%, 69%
HSV	83°, 61%, 98%
XYZ	58.7416, 81.2327, 24.3878
YIQ	216.3300, 14.2240, -59.5680

Conversions

Conversions Part 2

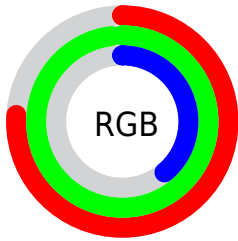
Format	Color
RYB	99, 251, 157
Decimal	12712803
CIELab	92.24, -40.63, 65.15
CIElCh	92, 76.784, 121.950
Yxy	81.2327, 0.3574, 0.4942
Android (android.graphics.Color)	4290902883 (0xFFC1FB63)
YUV	216.3300, -57.8437, -20.4604
Hunter-Lab	90.1292, -41.3888, 47.0473

Details

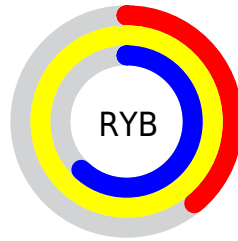
The Hex color **C1FB63** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9D63FB**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FCFF9B**, and **88C228** is the 20% darker color. If you saturate the color by 10%, you get **B7FB4A**, and if you desaturate by 10%, it is **CBFB7C**.

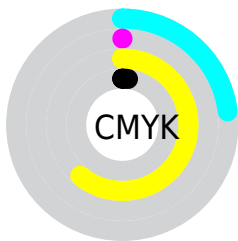
Distribution



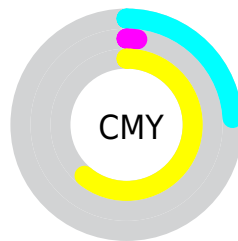
- Red (76%)
- Green (98%)
- Blue (39%)



- Red (39%)
- Yellow (98%)
- Blue (62%)



- Cyan (23%)
- Magenta (0%)
- Yellow (61%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1FB63 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 C1FB63 by changing the saturation by 10% instead.

 C1FB63

FFFFFF

 FCFF9B

 FFFFB7

 FFFFD4

 FFFFF1

 C1FB63

 A4DE47

 88C228

 6BA700

 4F8C00

 327200

 0F5900

 004100

 002B00

 000F00

 C1FB63

 C1FB63

 B7FB4A

 CBF7C

 AEFB31

 D4FB95

 A4FB18

 DEFBAE

 9BFB00

 E7FBC7

 F1FBE1

 FAFBFA

 FFFBFF

Harmonies

Analogous

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



FFE749



C1FB63



51FFA0

Triad

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



C1FB63



00FFFF



FFA5E7

Complementary

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



C1FB63



9D63FB

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.



FFB5FF



C1FB63



43EFFF

Square

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



C1FB63



00FFFF



F1D3FF



FFB09F

Rectangle

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



C1FB63



00FFD2



F1D3FF



FFA8FF

Sweetspot

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



C1FB63



EDFFD1



FB9B63



758063



000000



808080

Same Dimension

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



C1FB63



B8FF45



77FB63



787D70



75BD00



263D00

Inverse Universe

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



9D63FB



8C45FF



E763FB



75707D



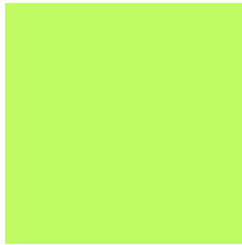
4800BD



17003D

Previews

White Background



This preview shows how the Hex color C1FB63 looks on a white background.

Color Contrast Check

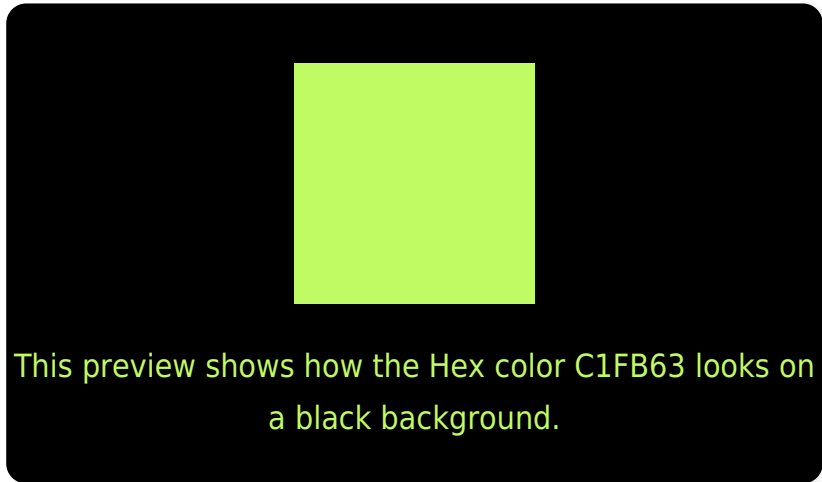
Large Text (above 18pt) WCAG AA × Fail

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 C1FB63 Background



This preview shows how black text looks on a background with the Hex color C1FB63.

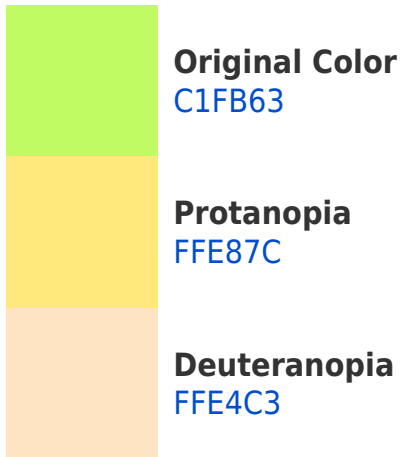


This preview shows how white text looks on a background with the Hex color C1FB63.

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



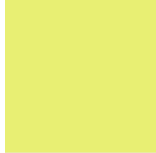


Tritanopia
D5EBFE

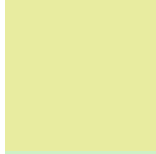
Trichromacy



Original Color
C1FB63



Protanomaly
E8EF73

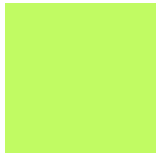


Deuteranomaly
E8ECA0

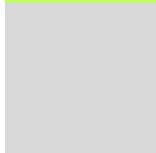


Tritanomaly
CEF1C6

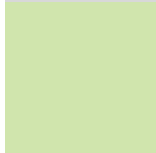
Monochromacy



Original Color
C1FB63



Achromatopsia
D8D8D8



Achromatomaly
D0E5AD

CSS Examples

Text

The CSS property to change the color of the text to Hex C1FB63 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 #C1FB63 looks like.

```
.text, #text, p{  
  color:#C1FB63  
}
```

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 #C1FB63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1FB63
}
```

Border

The CSS property to change the border of an element to Hex C1FB63 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
#C1FB63 }
```

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

```
.border{ border-color:#C1FB63 }
```

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

Here you see how a box with a 4 pixel #C1FB63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1FB63; -webkit-box-shadow:4px 4px  
4px 4px #C1FB63; box-shadow:4px 4px 4px  
4px #C1FB63 }
```

Background

The CSS property to change the background color of an element to Hex C1FB63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1FB63 }
```

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

```
.background{ background-color:#C1FB63 }
```

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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