

Converting Colors

Hex(C1FA64)

Have a look what the booklet for
Hex(C1FA64) contains.

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Color

Hex(C1FA64)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | C1FA64 |
| RGB | 193, 250, 100 |
| RGB Percent | 76%, 98%, 39% |
| CMY | 0.2431, 0.0196, 0.6078 |
| CMYK | 0.23, 0.00, 0.60, 0.02 |
| HSL | 83°, 94%, 69% |
| HSV | 83°, 60%, 98% |
| XYZ | 58.4782, 80.6288, 24.5374 |
| YIQ | 215.8570, 14.1780, -58.7340 |

Conversions

Conversions Part 2

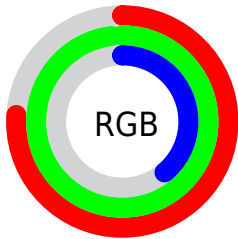
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 100, 250, 157 |
| Decimal | 12712548 |
| CIELab | 91.97, -40.11, 64.44 |
| CIELCh | 92, 75.905, 121.900 |
| Yxy | 80.6288, 0.3573, 0.4927 |
| Android (android.graphics.Color) | 4290902628 (0xFFC1FA64) |
| YUV | 215.8570, -57.1175, -20.0456 |
| Hunter-Lab | 89.7935, -40.8903, 46.6536 |

Details

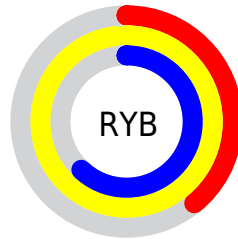
The Hex color **C1FA64** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9D64FA**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FCFF9C**, and **88C12A** is the 20% darker color. If you saturate the color by 10%, you get **B8FA4B**, and if you desaturate by 10%, it is **CBFA7D**.

Distribution



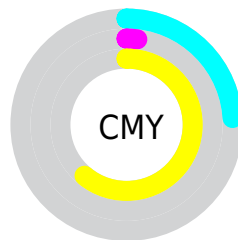
- Red (76%)
- Green (98%)
- Blue (39%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (60%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color C1FA64 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 C1FA64 by changing the saturation by 10% instead.

 C1FA64

FFFFFF

 FCFF9C

 FFFFB8

 FFFFD5

 FFFFF2

 C1FA64

 A4DD48

 88C12A

 6CA600

 4F8B00

 337100

 105800

 004000

 002A00

 000D00

 C1FA64

 C1FA64

 B8FA4B

 CBFA7D

 AEFA32

 D4FA96

 A5FA19

 DEFAAF

 9BFA00

 E7FAC8

 F1FAE1

 FAFAFA

 FFFAFF

Harmonies

Analogous

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



FFE64B



C1FA64



54FFA0

Triad

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



C1FA64



00FFFF



FFA6E6

Complementary

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



C1FA64



9D64FA

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



C1FA64



47EFFF

Square

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



C1FA64



00FFFF



F0D3FF



FFB09F

Rectangle

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



C1FA64



00FFD1



F0D3FF



FFA8FF

Sweetspot

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



C1FA64



EEFFD1



FA9B64



758063



000000



808080

Same Dimension

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



C1FA64



B9FF47



78FA64



787D70



75BD00



263D00

Inverse Universe

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



9D64FA



8D47FF



E664FA



75707D



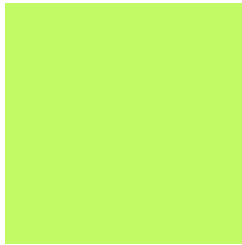
4800BD



17003D

Previews

White Background



This preview shows how the Hex color C1FA64 looks on a white background.

Color Contrast Check

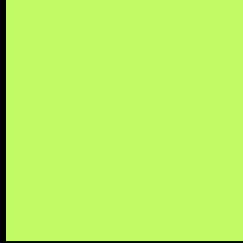
Large Text (above 18pt) WCAG AA × Fail

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 C1FA64 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 C1FA64 Background



This preview shows how black text looks on a background with the Hex color C1FA64.

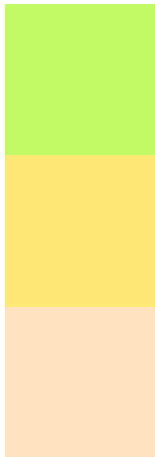


This preview shows how white text looks on a background with the Hex color C1FA64.

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
C1FA64

Protanopia
FFE775

Deuteranopia
FFE3C1

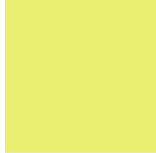


Tritanopia
D4EAFD

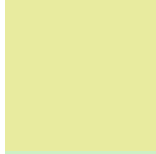
Trichromacy



Original Color
C1FA64



Protanomaly
E8EE6F

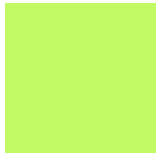


Deuteranomaly
E8EB9F

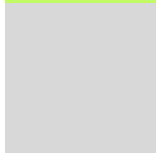


Tritanomaly
CDF0C5

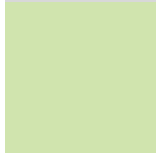
Monochromacy



Original Color
C1FA64



Achromatopsia
D8D8D8



Achromatomaly
D0E4AE

CSS Examples

Text

The CSS property to change the color of the text to Hex C1FA64 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 #C1FA64 looks like.

```
.text, #text, p{  
    color:#C1FA64  
}
```

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 #C1FA64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1FA64
}
```

Border

The CSS property to change the border of an element to Hex C1FA64 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
#C1FA64 }
```

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

```
.border{ border-color:#C1FA64 }
```

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

Here you see how a box with a 4 pixel #C1FA64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1FA64; -webkit-box-shadow:4px 4px  
4px 4px #C1FA64; box-shadow:4px 4px 4px  
4px #C1FA64 }
```

Background

The CSS property to change the background color of an element to Hex C1FA64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1FA64 }
```

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

```
.background{ background-color:#C1FA64 }
```

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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