

Converting Colors

Hex(C1F464)

Have a look what the booklet for
Hex(C1F464) contains.

Hex(C1F464)	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(C1F464)

Conversions

Conversions Part 1

Format	Color
Hex	C1F464
RGB	193, 244, 100
RGB Percent	76%, 96%, 39%
CMY	0.2431, 0.0431, 0.6078
CMYK	0.21, 0.00, 0.59, 0.04
HSL	81°, 87%, 67%
HSV	81°, 59%, 96%
XYZ	56.6433, 76.9589, 23.9257
YIQ	212.3350, 15.8280, -55.5960

Conversions

Conversions Part 2

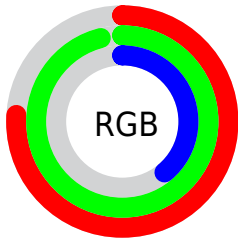
Format	Color
RYB	100, 244, 151
Decimal	12711012
CIELab	90.30, -37.44, 62.59
CIElCh	90, 72.933, 120.883
Yxy	76.9589, 0.3596, 0.4885
Android (android.graphics.Color)	4290901092 (0xFFC1F464)
YUV	212.3350, -55.3812, -16.9568
Hunter-Lab	87.7262, -38.2667, 45.2381

Details

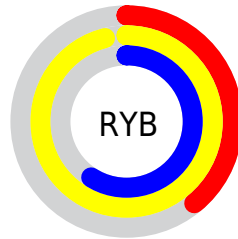
The Hex color **C1F464** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9764F4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FCFF9B**, and **88BC2B** is the 20% darker color. If you saturate the color by 10%, you get **B8F44C**, and if you desaturate by 10%, it is **CAF47C**.

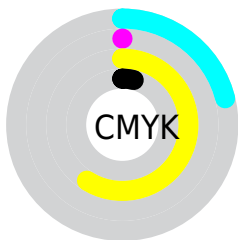
Distribution



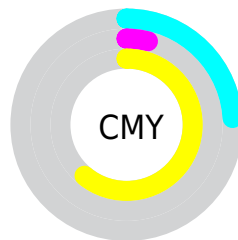
- Red (76%)
- Green (96%)
- Blue (39%)



- Red (39%)
- Yellow (96%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (59%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1F464 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 C1F464 by changing the saturation by 10% instead.

 C1F464

 C1F464

FFFFFF

 A4D748

 FCFF9B

 88BC2B

 FFFF88

 6CA000

 FFFFD4

 508600

 FFFFF2

 346C00

 155400

 003C00

 002700

 000200

 C1F464

 C1F464

 B8F44C

 CAF47C

 B0F433

 D2F495

 A7F41B

 DBF4AD

 9EF402

 E4F4C6

 9EF400

 ECF4DE

 F5F4F6

 FDF4FF

 FFF4FF

Harmonies

Analogous

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



FFE04E



C1F464



5DFF9C

Triad

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



C1F464



00FCFF



FFA5E4

Complementary

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



C1F464



9764F4

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.



FFB4FF



C1F464



47EAFF

Square

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



C1F464



00FFFF



E8D0FF



FFADA0

Rectangle

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



C1F464



00FFCB



E8D0FF



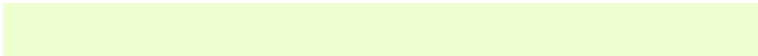
FFA7FC

Sweetspot

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



C1F464



EFFFD1



F49664



768063



000000



808080

Same Dimension

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



C1F464



BFFF4A



7AF464



767A6E



78BA00



263B00

Inverse Universe

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



9764F4



8A4AFF



DE64F4



726E7A



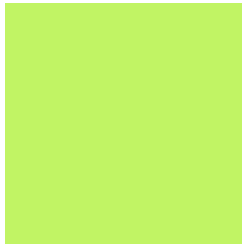
4200BA



15003B

Previews

White Background



This preview shows how the Hex color C1F464 looks on a white background.

Color Contrast Check

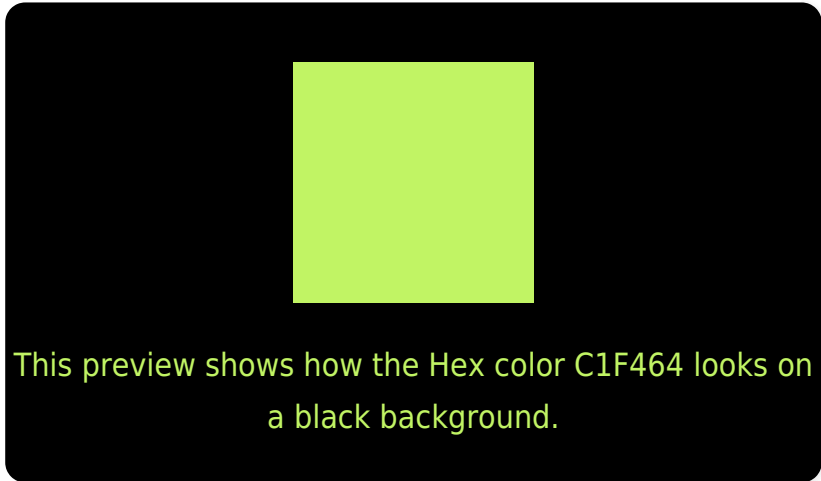
Large Text (above 18pt) WCAG AA × Fail

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 C1F464 Background



This preview shows how black text looks on a background with the Hex color C1F464.

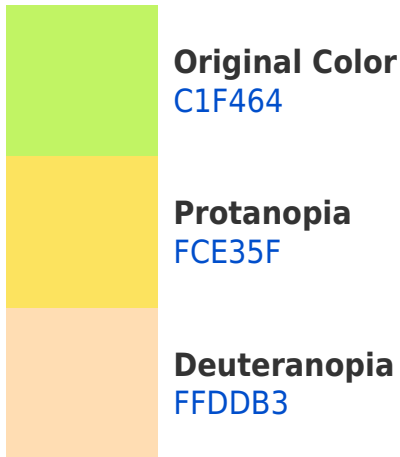


This preview shows how white text looks on a background with the Hex color C1F464.

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



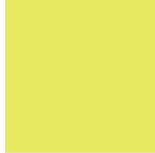


Tritanopia
D3E5F7

Trichromacy



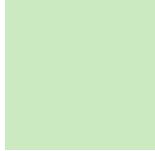
Original Color
C1F464



Protanomaly
E7E961



Deuteranomaly
E8E596

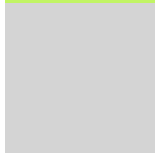


Tritanomaly
CCEAC2

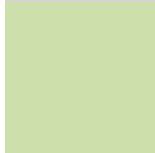
Monochromacy



Original Color
C1F464



Achromatopsia
D4D4D4



Achromatomaly
CDE0AB

CSS Examples

Text

The CSS property to change the color of the text to Hex C1F464 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 #C1F464 looks like.

```
.text, #text, p{  
    color:#C1F464  
}
```

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 #C1F464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F464
}
```

Border

The CSS property to change the border of an element to Hex C1F464 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
#C1F464 }
```

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

```
.border{ border-color:#C1F464 }
```

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

Here you see how a box with a 4 pixel #C1F464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F464; -webkit-box-shadow:4px 4px  
4px 4px #C1F464; box-shadow:4px 4px 4px  
4px #C1F464 }
```

Background

The CSS property to change the background color of an element to Hex C1F464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F464 }
```

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

```
.background{ background-color:#C1F464 }
```

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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