

Converting Colors

Hex(C5F944)

Have a look what the booklet for
Hex(C5F944) contains.

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Color

Hex(C5F944)

Conversions

Conversions Part 1

Format	Color
Hex	C5F944
RGB	197, 249, 68
RGB Percent	77%, 98%, 27%
CMY	0.2275, 0.0235, 0.7333
CMYK	0.21, 0.00, 0.73, 0.02
HSL	77°, 94%, 62%
HSV	77°, 73%, 98%
XYZ	57.9450, 80.0390, 17.8639
YIQ	212.8180, 27.1090, -67.3150

Conversions

Conversions Part 2

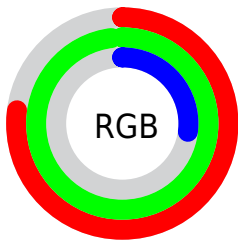
Format	Color
RYB	68, 249, 120
Decimal	12974404
CIELab	91.70, -40.27, 76.21
CIELCh	92, 86.191, 117.854
Yxy	80.0390, 0.3718, 0.5136
Android (android.graphics.Color)	4291164484 (0xFFC5F944)
YUV	212.8180, -71.3953, -13.8724
Hunter-Lab	89.4645, -40.9508, 50.7864

Details

The Hex color **C5F944** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **7844F9**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF7F**, and **8BC000** is the 20% darker color. If you saturate the color by 10%, you get **BEF92B**, and if you desaturate by 10%, it is **CCF95D**.

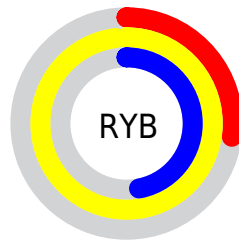
Distribution



Red (77%)

Green (98%)

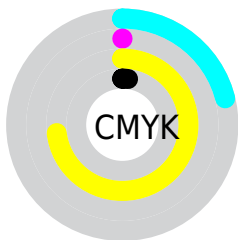
Blue (27%)



Red (27%)

Yellow (98%)

Blue (47%)

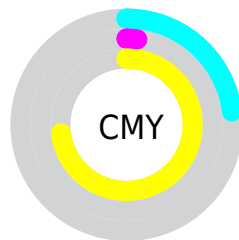


Cyan (21%)

Magenta (0%)

Yellow (73%)

Black (2%)



Cyan (23%)

Magenta (2%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5F944 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 C5F944 by changing the saturation by 10% instead.

 C5F944

 C5F944

FFFFFF

 A8DC20

 FFFF7F

 8BC000

 FFFF9C

 6EA500

 FFFFB9

 518A00

 FFFFFD7

 347100

 FFFFF4

 0E5800

 004000

 002A00

 000C00

 C5F944

 C5F944

 BEF92B

 CCF95D

 B7F912

 D3F976

 B1F900

 DAF98F

 E2F9A8

 E9F9C1

 F0F9D9

 F7F9F2

 FEF9FF

 FFF9FF

Harmonies

Analogous

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



FFE129



C5F944



45FF8A

Triad

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



C5F944



00FFFF



FF97F1

Complementary

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



C5F944



7844F9

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.



FFAFFF



C5F944



00F3FF

Square

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



C5F944



00FFFF



DCD4FF



FFA19F

Rectangle

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



C5F944



00FFC2



DCD4FF



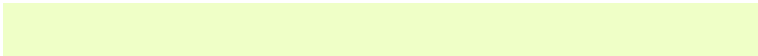
FF9CFF

Sweetspot

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



C5F944



EFFFC7



F97744



76805E



000000



808080

Same Dimension

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



C5F944



BFFF21



6BF944



797D70



86BD00



2C3D00

Inverse Universe

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



7844F9



6121FF



D244F9



74707D



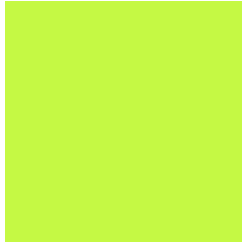
3600BD



12003D

Previews

White Background



This preview shows how the Hex color C5F944 looks on a white background.

Color Contrast Check

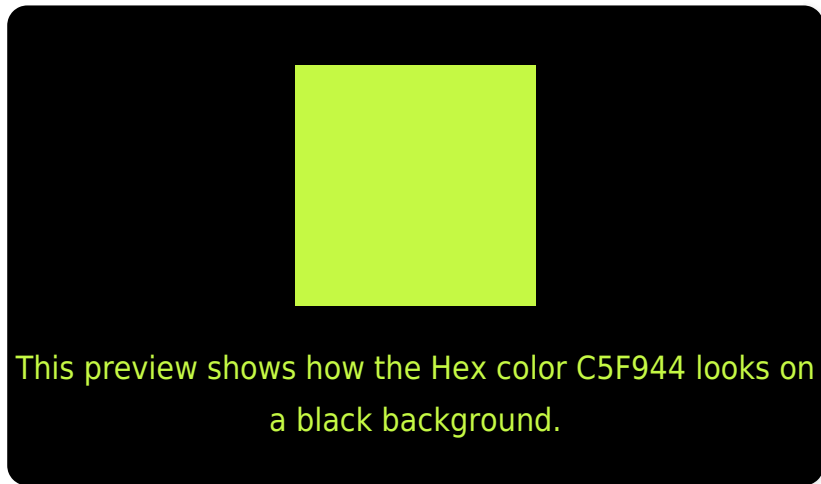
Large Text (above 18pt) WCAG AA × Fail

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 C5F944 Background



This preview shows how black text looks on a background with the Hex color C5F944.

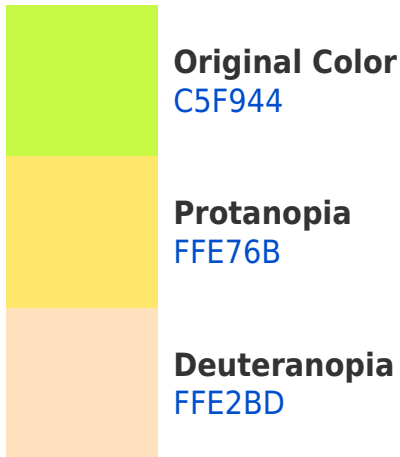


This preview shows how white text looks on a background with the Hex color C5F944.

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



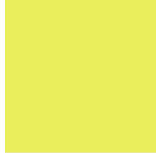


Tritanopia
D9E8FB

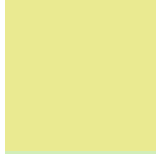
Trichromacy



Original Color
C5F944



Protanomaly
EAE5D



Deuteranomaly
EAEA91

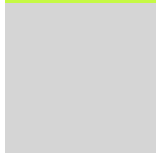


Tritanomaly
D2EEB8

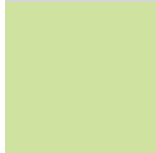
Monochromacy



Original Color
C5F944



Achromatopsia
D5D5D5



Achromatomaly
CFE2A0

CSS Examples

Text

The CSS property to change the color of the text to Hex C5F944 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 #C5F944 looks like.

```
.text, #text, p{  
    color:#C5F944  
}
```

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 #C5F944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F944
}
```

Border

The CSS property to change the border of an element to Hex C5F944 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
#C5F944 }
```

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

```
.border{ border-color:#C5F944 }
```

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

Here you see how a box with a 4 pixel #C5F944 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F944; -webkit-box-shadow:4px 4px  
4px 4px #C5F944; box-shadow:4px 4px 4px  
4px #C5F944 }
```

Background

The CSS property to change the background color of an element to Hex C5F944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F944 }
```

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

```
.background{ background-color:#C5F944 }
```

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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