

Converting Colors

Hex(C5FF24)

Have a look what the booklet for
Hex(C5FF24) contains.

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Color

Hex(C5FF24)

Conversions

Conversions Part 1

Format	Color
Hex	C5FF24
RGB	197, 255, 36
RGB Percent	77%, 100%, 14%
CMY	0.2275, 0.0000, 0.8588
CMYK	0.23, 0.00, 0.86, 0.00
HSL	76°, 100%, 57%
HSV	76°, 86%, 100%
XYZ	59.1044, 83.5177, 14.6745
YIQ	212.6920, 35.7310, -80.4050

Conversions

Conversions Part 2

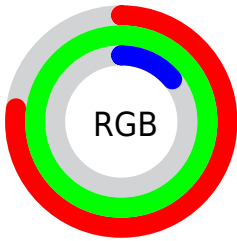
Format	Color
RYB	36, 255, 94
Decimal	12975908
CIELab	93.24, -44.09, 85.80
CIELCh	93, 96.470, 117.197
Yxy	83.5177, 0.3758, 0.5310
Android (android.graphics.Color)	4291165988 (0xFFC5FF24)
YUV	212.6920, -87.1092, -13.7619
Hunter-Lab	91.3880, -44.4857, 54.4512

Details

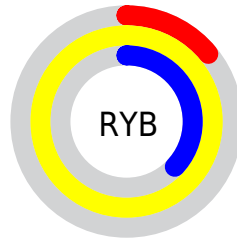
The Hex color **C5FF24** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5E24FF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF6A**, and **89C600** is the 20% darker color. If you saturate the color by 10%, you get **BEFF0A**, and if you desaturate by 10%, it is **CCFF3D**.

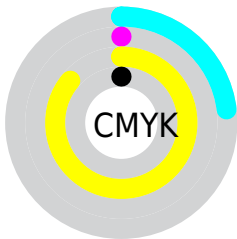
Distribution



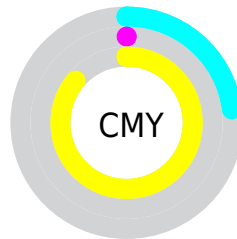
- Red (77%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (37%)



- Cyan (23%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5FF24 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 C5FF24 by changing the saturation by 10% instead.

 C5FF24

 C5FF24

FFFFFF

 A7E200

 FFFF6A

 89C600

 FFFF88

 6CAB00

 FFFFA6

 4E9000

 FFFFC4

 2E7600

 FFFFEE

 005D00

 004400

 002E00

 001300

 C5FF24

 C5FF24

 BEFF0A

 CCFF3D

 BBFF00

 D3FF57

 D9FF70

 E0FF8A

 E7FFA3

 EEFFBD

 F4FFD6

 FBFFF0

FFFFFF

Harmonies

Analogous

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



FFE400



C5FF24



0EFF80

Triad

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



C5FF24



00FFFF



FF8CF8

Complementary

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



C5FF24



5E24FF

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.



FFABFF



C5FF24



00F9FF

Square

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



C5FF24



00FFFF



D7D7FF



FF989C

Rectangle

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



C5FF24



00FFBF



D7D7FF



FF93FF

Sweetspot

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



C5FF24



EDFFBD



FF5B24



758058



000000



808080

Same Dimension

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



C5FF24



BBFF00



5BFF24



7C8073



8DBF00



2F4000

Inverse Universe

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



5E24FF



4400FF



C824FF



767380



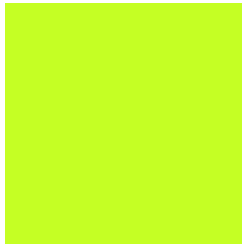
3300BF



110040

Previews

White Background



This preview shows how the Hex color C5FF24 looks on a white background.

Color Contrast Check

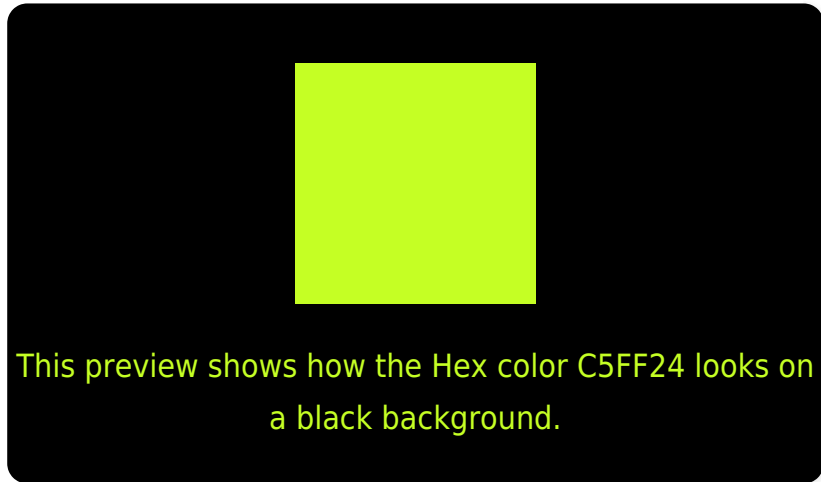
Large Text (above 18pt) WCAG AA × Fail

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 C5FF24 Background



This preview shows how black text looks on a background with the Hex color C5FF24.

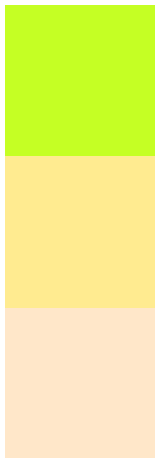


This preview shows how white text looks on a background with the Hex color C5FF24.

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

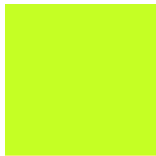


Original Color
C5FF24

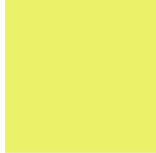
Protanopia
FFEB90

Deuteranopia
FFE7C9

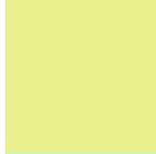
Trichromacy



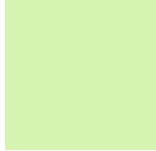
Original Color
C5FF24



Protanomaly
EAF269



Deuteranomaly
EAF08D

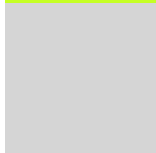


Tritanomaly
D4F4AF

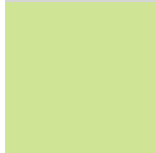
Monochromacy



Original Color
C5FF24



Achromatopsia
D5D5D5



Achromatomaly
CFE495

CSS Examples

Text

The CSS property to change the color of the text to Hex C5FF24 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 #C5FF24 looks like.

```
.text, #text, p{  
    color:#C5FF24  
}
```

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 #C5FF24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FF24
}
```

Border

The CSS property to change the border of an element to Hex C5FF24 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
#C5FF24 }
```

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

```
.border{ border-color:#C5FF24 }
```

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

Here you see how a box with a 4 pixel #C5FF24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FF24; -webkit-box-shadow:4px 4px  
4px 4px #C5FF24; box-shadow:4px 4px 4px  
4px #C5FF24 }
```

Background

The CSS property to change the background color of an element to Hex C5FF24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FF24 }
```

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

```
.background{ background-color:#C5FF24 }
```

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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