

Converting Colors

Hex(C5E01F)

Have a look what the booklet for
Hex(C5E01F) contains.

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Color

Hex(C5E01F)

Conversions

Conversions Part 1

Format	Color
Hex	C5E01F
RGB	197, 224, 31
RGB Percent	77%, 88%, 12%
CMY	0.2275, 0.1216, 0.8784
CMYK	0.12, 0.00, 0.86, 0.12
HSL	68°, 76%, 50%
HSV	68°, 86%, 88%
XYZ	49.9289, 65.2806, 11.2652
YIQ	193.9250, 45.8610, -65.7470

Conversions

Conversions Part 2

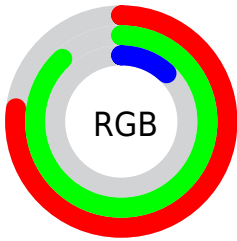
Format	Color
R_{YB}	31, 224, 58
Decimal	12967967
CIE _{Lab}	84.63, -30.31, 79.61
CIE _{LCh}	85, 85.180, 110.842
Yxy	65.2806, 0.3948, 0.5162
Android (android.graphics.Color)	4291158047 (0xFFC5E01F)
YUV	193.9250, -80.3220, 2.6968
Hunter-Lab	80.7964, -31.0878, 48.2908

Details

The Hex color **C5E01F** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed yellow. A complement of this color would be **3A1FE0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF63**, and **8BA900** is the 20% darker color. If you saturate the color by 10%, you get **C2E009**, and if you desaturate by 10%, it is **C8E035**.

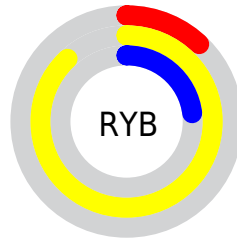
Distribution



Red (77%)

Green (88%)

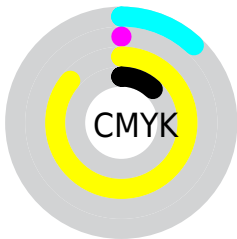
Blue (12%)



Red (12%)

Yellow (88%)

Blue (23%)

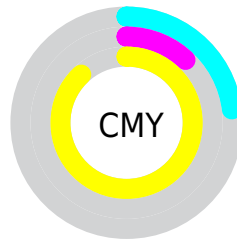


Cyan (12%)

Magenta (0%)

Yellow (86%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5E01F 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 C5E01F by changing the saturation by 10% instead.

 C5E01F

 C5E01F

FFFFFF

 A8C400

 FFFF63

 8BA900

 FFFF80

 6E8E00

 FFFF9D

 527500

 FFFFBB

 355C00

 FFFFD8

 174400

 FFFFF6

 002E00

 001900

 000000

 C5E01F

 C5E01F

 C2E009

 C8E035

 C1E000

 CBE04C

 CEE062

 D2E079

 D5E08F

 D8E0A5

 DBE0BC

 DEE0D2

 E1E0E9

Harmonies

Analogous

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



FFC715



C5E01F



5BF067

Triad

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



C5E01F



00F3FF



FF86EF

Complementary

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



C5E01F



3A1FE0

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.



FFA4FF



C5E01F



00E4FF

Square

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



C5E01F



00F9FF



A1C8FF



FF889F

Rectangle

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



C5E01F



00F59B



A1C8FF



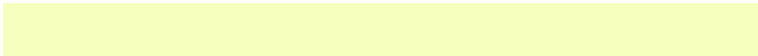
FF8EFF

Sweetspot

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



C5E01F



F6FFBD



E0391F



7A8058



000000



808080

Same Dimension

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



C5E01F



DBFF00



66E01F



6F7065



97B000



2A3000

Inverse Universe

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



3A1FE0



2400FF



991FE0



676570



1900B0



070030

Previews

White Background



This preview shows how the Hex color C5E01F looks on a white background.

Color Contrast Check

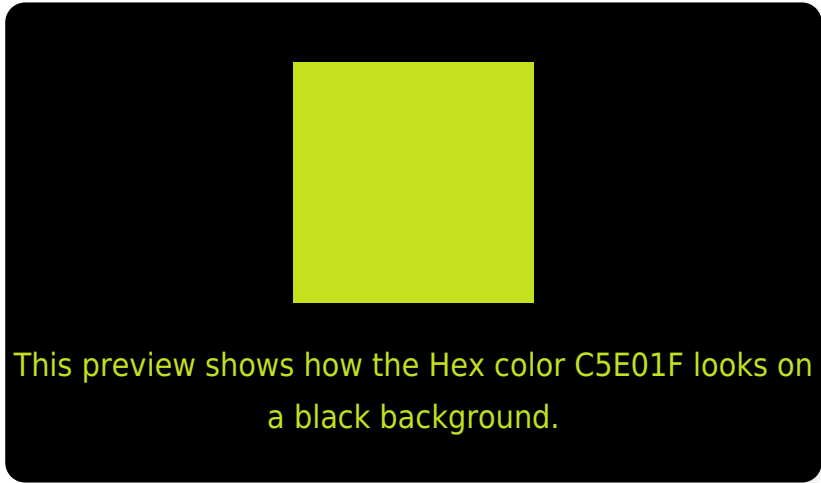
Large Text (above 18pt) WCAG AA × Fail

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 C5E01F Background



This preview shows how black text looks on a background with the Hex color C5E01F.

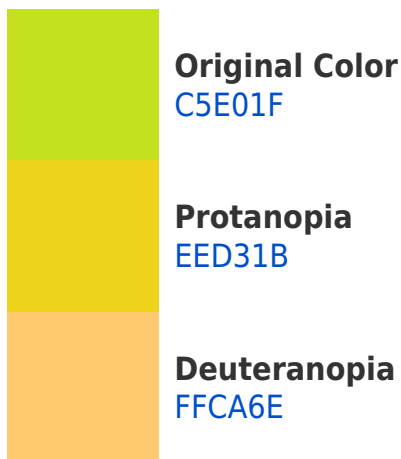


This preview shows how white text looks on a background with the Hex color C5E01F.

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](#).

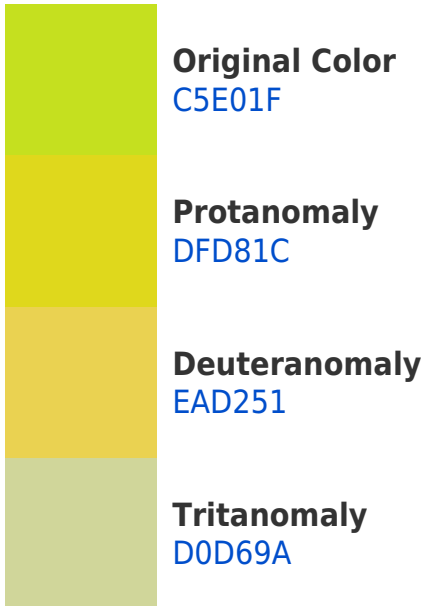
Dichromacy



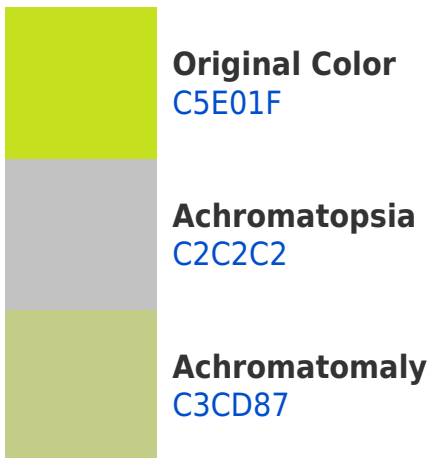


Tritanopia
D6D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5E01F 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 #C5E01F looks like.

```
.text, #text, p{  
    color:#C5E01F  
}
```

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 #C5E01F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5E01F  
}
```

Border

The CSS property to change the border of an element to Hex C5E01F 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  
#C5E01F }
```

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

```
.border{ border-color:#C5E01F }
```

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

Here you see how a box with a 4 pixel #C5E01F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5E01F; -webkit-box-shadow:4px 4px  
4px 4px #C5E01F; box-shadow:4px 4px 4px  
4px #C5E01F }
```

Background

The CSS property to change the background color of an element to Hex C5E01F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5E01F }
```

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

```
.background{ background-color:#C5E01F }
```

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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