

Converting Colors

Hex(C1E36F)

Have a look what the booklet for
Hex(C1E36F) contains.

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Color

Hex(C1E36F)

Conversions

Conversions Part 1

Format	Color
Hex	C1E36F
RGB	193, 227, 111
RGB Percent	76%, 89%, 44%
CMY	0.2431, 0.1098, 0.5647
CMYK	0.15, 0.00, 0.51, 0.11
HSL	78°, 67%, 66%
HSV	78°, 51%, 89%
XYZ	52.3306, 67.4233, 25.2948
YIQ	203.6100, 16.9720, -43.2840

Conversions

Conversions Part 2

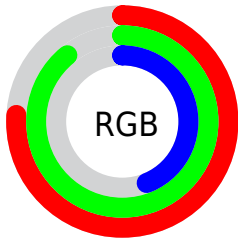
Format	Color
RYB	111, 227, 145
Decimal	12706671
CIELab	85.72, -28.63, 52.43
CIELCh	86, 59.736, 118.641
Yxy	67.4233, 0.3608, 0.4648
Android (android.graphics.Color)	4290896751 (0xFFC1E36F)
YUV	203.6100, -45.6567, -9.3050
Hunter-Lab	82.1117, -29.9356, 39.2137

Details

The Hex color **C1E36F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **916FE3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FBFFA5**, and **89AC3A** is the 20% darker color. If you saturate the color by 10%, you get **BAE358**, and if you desaturate by 10%, it is **C8E386**.

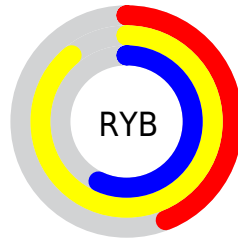
Distribution



Red (76%)

Green (89%)

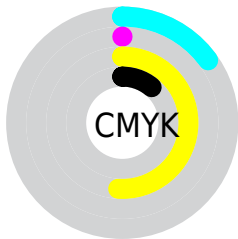
Blue (44%)



Red (44%)

Yellow (89%)

Blue (57%)

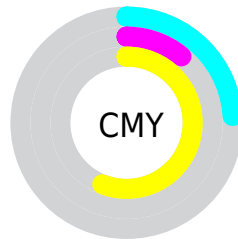


Cyan (15%)

Magenta (0%)

Yellow (51%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E36F 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 C1E36F by changing the saturation by 10% instead.

 C1E36F

FFFFFF

 FBFFA5

 FFFFC1

 FFFFDE

 FFFFFB

 C1E36F

 A5C755

 89AC3A

 6E911E

 537700

 395E00

 1F4600

 003000

 001C00

 000000

 C1E36F

 C1E36F

 BAE358

 C8E386

 B4E342

 CEE39C

 ADE32B

 D5E3B3

 A6E314

 DCE3CA

 A0E300

 E2E3E1

 E9E3F7

 F0E3FF

 F6E3FF

 FDE3FF

Harmonies

Analogous

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



FAD262



C1E36F



79EE99

Triad

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



C1E36F



00EBFF



FFA7DB

Complementary

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



C1E36F



916FE3

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.



FFB3FF



C1E36F



68DDFF

Square

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



C1E36F



00F2FF



D6C8FF



FFACA3

Rectangle

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



C1E36F



23F2BE



D6C8FF



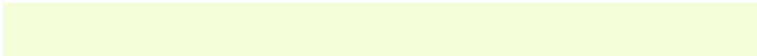
FFA9EE

Sweetspot

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



C1E36F



F4FFD9



E3906F



798069



000000



808080

Same Dimension

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



C1E36F



D1FF63



88E36F



6F7367



7EB300



243300

Inverse Universe

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



916FE3



9163FF



CA6FE3



6B6773



3400B3



0F0033

Previews

White Background



This preview shows how the Hex color C1E36F 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 C1E36F 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 C1E36F Background



This preview shows how black text looks on a background with the Hex color C1E36F.

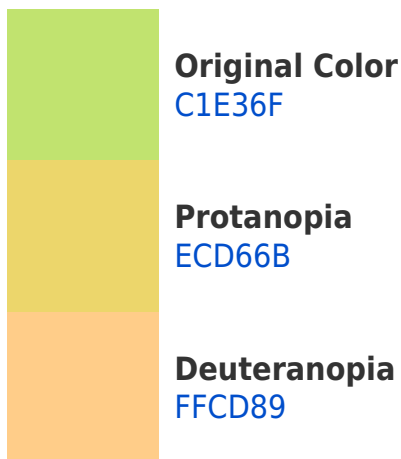


This preview shows how white text looks on a background with the Hex color C1E36F.

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](#).

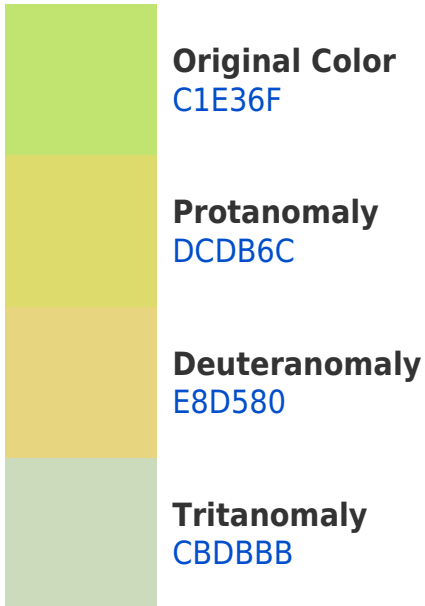
Dichromacy



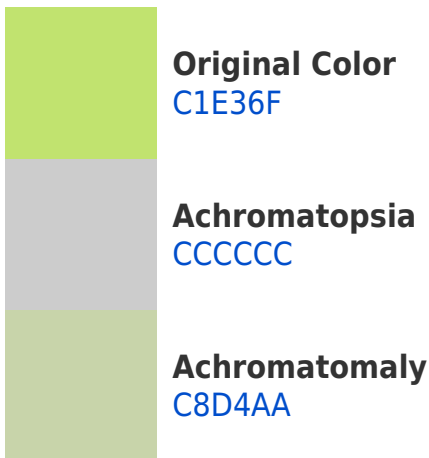


Tritanopia
D0D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E36F 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 #C1E36F looks like.

```
.text, #text, p{  
    color:#C1E36F  
}
```

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 #C1E36F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E36F
}
```

Border

The CSS property to change the border of an element to Hex C1E36F 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
#C1E36F }
```

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

```
.border{ border-color:#C1E36F }
```

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

Here you see how a box with a 4 pixel #C1E36F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E36F; -webkit-box-shadow:4px 4px  
4px 4px #C1E36F; box-shadow:4px 4px 4px  
4px #C1E36F }
```

Background

The CSS property to change the background color of an element to Hex C1E36F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E36F }
```

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

```
.background{ background-color:#C1E36F }
```

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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