

Converting Colors

Hex(C1E36B)

Have a look what the booklet for
Hex(C1E36B) contains.

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Color

Hex(C1E36B)

Conversions

Conversions Part 1

Format	Color
Hex	C1E36B
RGB	193, 227, 107
RGB Percent	76%, 89%, 42%
CMY	0.2431, 0.1098, 0.5804
CMYK	0.15, 0.00, 0.53, 0.11
HSL	77°, 68%, 65%
HSV	77°, 53%, 89%
XYZ	52.1152, 67.3372, 24.1605
YIQ	203.1540, 18.2560, -44.5280

Conversions

Conversions Part 2

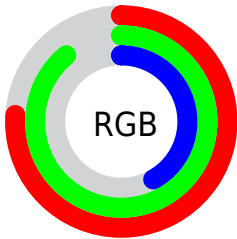
Format	Color
RYB	107, 227, 141
Decimal	12706667
CIELab	85.67, -29.01, 54.22
CIELCh	86, 61.491, 118.149
Yxy	67.3372, 0.3629, 0.4689
Android (android.graphics.Color)	4290896747 (0xFFC1E36B)
YUV	203.1540, -47.4039, -8.9051
Hunter-Lab	82.0592, -30.2395, 39.9848

Details

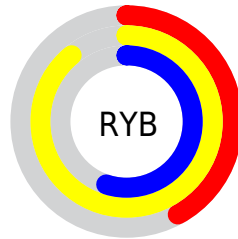
The Hex color **C1E36B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8D6BE3**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FBFFA1**, and **89AC36** is the 20% darker color. If you saturate the color by 10%, you get **BBE354**, and if you desaturate by 10%, it is **C7E382**.

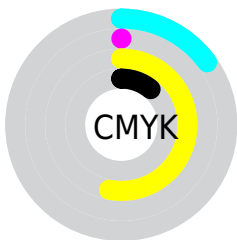
Distribution



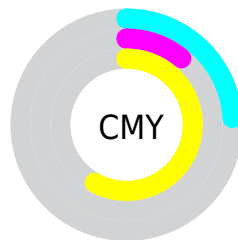
- Red (76%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (55%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E36B 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 C1E36B by changing the saturation by 10% instead.

 C1E36B

 C1E36B

FFFFFF

 A5C750

 FBFFA1

 89AC36

 FFFFBD

 6E9118

 FFFFDA

 537700

 FFFFF7

 395E00

 1E4600

 003000

 001C00

 000000

 C1E36B

 C1E36B

 BBE354

 C7E382

 B4E33E

 CEE398

 AEE327

 D4E3AF

 A7E310

 DBE3C6

 A3E300

 E1E3DC

 E8E3F3

 EEE3FF

 F4E3FF

 FBE3FF

Harmonies

Analogous

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



FBD25E



C1E36B



77EE96

Triad

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



C1E36B



00ECFF



FFA5DC

Complementary

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



C1E36B



8D6BE3

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.



FFB2FF



C1E36B



5DDDFE

Square

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



C1E36B



00F3FF



D4C8FF



FFAAA2

Rectangle

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



C1E36B



0EF2BC



D4C8FF



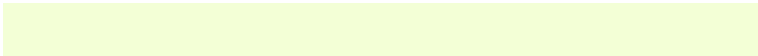
FFA7F0

Sweetspot

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



C1E36B



F3FFD6



E38D6B



798067



000000



808080

Same Dimension

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



C1E36B



D1FF5E



85E36B



6F7367



80B300



253300

Inverse Universe

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



8D6BE3



8C5EFF



C96BE3



6B6773



3300B3



0E0033

Previews

White Background



This preview shows how the Hex color C1E36B looks on a white background.

Color Contrast Check

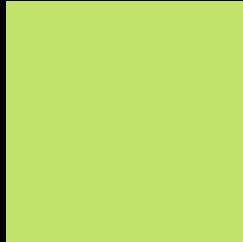
Large Text (above 18pt) WCAG AA × Fail

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 C1E36B 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 C1E36B Background



This preview shows how black text looks on a background with the Hex color C1E36B.

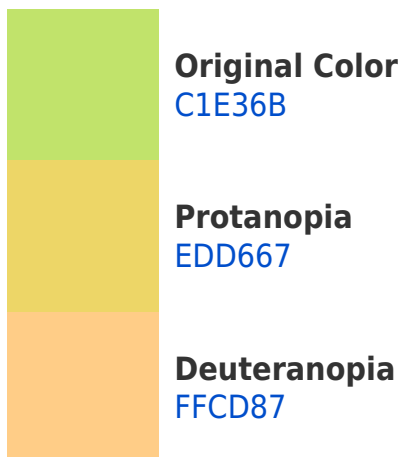


This preview shows how white text looks on a background with the Hex color C1E36B.

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](#).

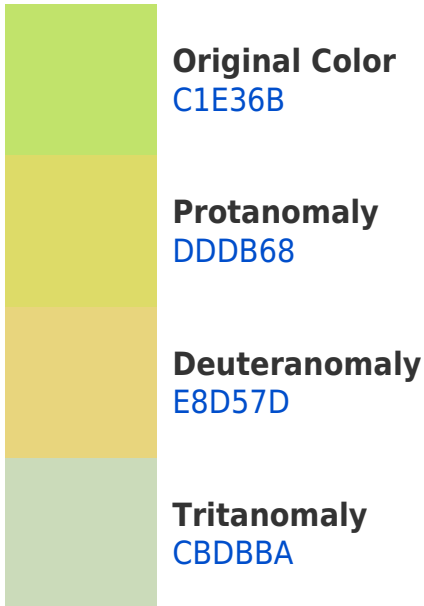
Dichromacy



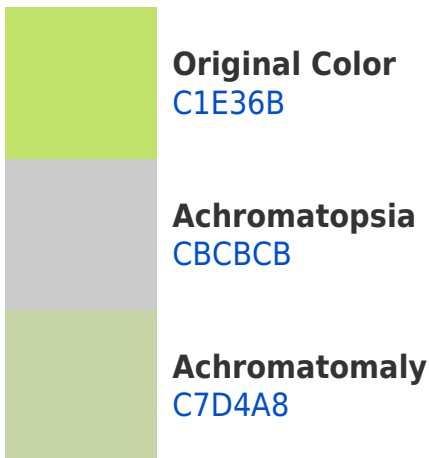


Tritanopia
D0D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E36B 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 #C1E36B looks like.

```
.text, #text, p{  
    color:#C1E36B  
}
```

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 #C1E36B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E36B
}
```

Border

The CSS property to change the border of an element to Hex C1E36B 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
#C1E36B }
```

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

```
.border{ border-color:#C1E36B }
```

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

Here you see how a box with a 4 pixel #C1E36B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E36B; -webkit-box-shadow:4px 4px  
4px 4px #C1E36B; box-shadow:4px 4px 4px  
4px #C1E36B }
```

Background

The CSS property to change the background color of an element to Hex C1E36B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E36B }
```

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

```
.background{ background-color:#C1E36B }
```

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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