

Converting Colors

Hex(C2E069)

Have a look what the booklet for
Hex(C2E069) contains.

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Color

Hex(C2E069)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C2E069 |
| RGB | 194, 224, 105 |
| RGB Percent | 76%, 88%, 41% |
| CMY | 0.2392, 0.1216, 0.5882 |
| CMYK | 0.13, 0.00, 0.53, 0.12 |
| HSL | 75°, 66%, 65% |
| HSV | 75°, 53%, 88% |
| XYZ | 51.4536, 65.8006, 23.3535 |
| YIQ | 201.4640, 20.3190, -43.3690 |

Conversions

Conversions Part 2

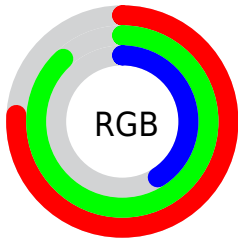
| Format | Color |
|-------------------------------------|---|
| RYB | 105, 224, 135 |
| Decimal | 12771433 |
| CIELab | 84.89, -27.39, 54.24 |
| CIELCh | 85, 60.761, 116.793 |
| Yxy | 65.8006, 0.3659, 0.4680 |
| Android (android.graphics.Color) | 4290961513 (0xFFC2E069) |
| YUV | 201.4640, -47.5568, -6.5459 |
| Hunter-Lab | 81.1175, -28.7315, 39.7129 |

Details

The Hex color **C2E069** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **8769E0**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FCFF9F**, and **8AA934** is the 20% darker color. If you saturate the color by 10%, you get **BCE053**, and if you desaturate by 10%, it is **C8E07F**.

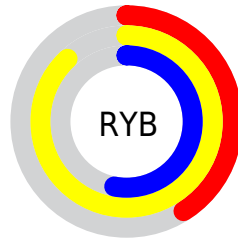
Distribution



Red (76%)

Green (88%)

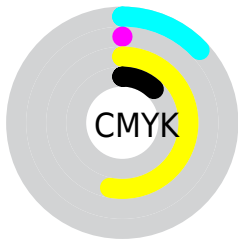
Blue (41%)



Red (41%)

Yellow (88%)

Blue (53%)

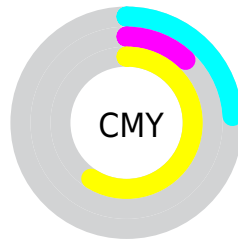


Cyan (13%)

Magenta (0%)

Yellow (53%)

Black (12%)



Cyan (24%)

Magenta (12%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2E069 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 C2E069 by changing the saturation by 10% instead.

 C2E069

 C2E069

FFFFFF

 A6C44E

 FCFF9F

 8AA934

 FFFFBB

 6F8E16

 FFFFD8

 547500

 FFFFF5

 3A5C00

 1F4400

 002D00

 001A00

 000000

 C2E069

 C2E069

 BCE053

 C8E07F

 B7E03C

 CDE096

 B1E026

 D3E0AC

 ABE00F

 D9E0C3

 A8E000

 DEE0D9

 E4E0EF

 EAE0FF

 EFE0FF

 F5E0FF

Harmonies

Analogous

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



FBCF5D



C2E069



7AEB93

Triad

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



C2E069



00EAFB



FFA4DD

Complementary

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



C2E069



8769E0

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.



FFB1FF



C2E069



55DCFF

Square

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



C2E069



00F0FF



CEC7FF



FFA8A3

Rectangle

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



C2E069



24EFB8



CEC7FF



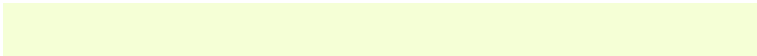
FFA6F0

Sweetspot

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



C2E069



F5FFD6



E08769



798067



000000



808080

Same Dimension

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



C2E069



D6FF5C



87E069



6D7065



84B000



243000

Inverse Universe

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



8769E0



855CFF



C269E0



686570



2C00B0



0C0030

Previews

White Background



This preview shows how the Hex color C2E069 looks on a white background.

Color Contrast Check

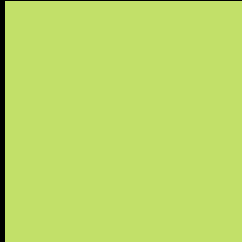
Large Text (above 18pt) WCAG AA × Fail

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 C2E069 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 C2E069 Background



This preview shows how black text looks on a background with the Hex color C2E069.

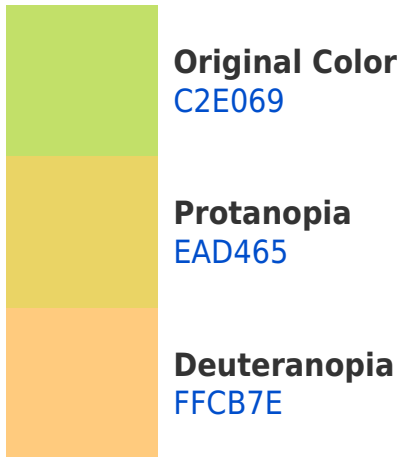


This preview shows how white text looks on a background with the Hex color C2E069.

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
D1D3E3

Trichromacy



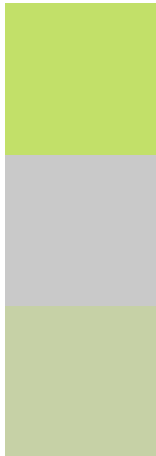
Original Color
C2E069

Protanomaly
DBD866

Deuteranomaly
E9D376

Tritanomaly
CCD8B7

Monochromacy



Original Color
C2E069

Achromatopsia
C9C9C9

Achromatomaly
C6D1A6

CSS Examples

Text

The CSS property to change the color of the text to Hex C2E069 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 #C2E069 looks like.

```
.text, #text, p{  
    color:#C2E069  
}
```

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 #C2E069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E069
}
```

Border

The CSS property to change the border of an element to Hex C2E069 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
#C2E069 }
```

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

```
.border{ border-color:#C2E069 }
```

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

Here you see how a box with a 4 pixel #C2E069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E069; -webkit-box-shadow:4px 4px  
4px 4px #C2E069; box-shadow:4px 4px 4px  
4px #C2E069 }
```

Background

The CSS property to change the background color of an element to Hex C2E069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E069 }
```

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

```
.background{ background-color:#C2E069 }
```

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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