

# Converting Colors

Hex(C6E259)

Have a look what the booklet for  
Hex(C6E259) contains.

|  |    |
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# **Color**

**Hex(C6E259)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C6E259                      |
| RGB         | 198, 226, 89                |
| RGB Percent | 78%, 89%, 35%               |
| CMY         | 0.2235, 0.1137, 0.6510      |
| CMYK        | 0.12, 0.00, 0.61, 0.11      |
| HSL         | 72°, 70%, 62%               |
| HSV         | 72°, 61%, 89%               |
| XYZ         | 52.2882, 67.1197, 19.6507   |
| YIQ         | 202.0100, 27.2890, -48.5430 |

# Conversions

## Conversions Part 2

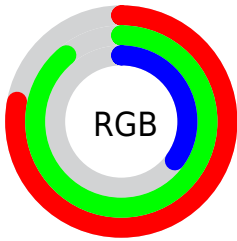
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">89, 226, 117</a>                    |
| Decimal                             | <a href="#">13034073</a>                        |
| CIELab                              | <a href="#">85.56, -28.08, 62.09</a>            |
| CIELCh                              | <a href="#">86, 68.144, 114.339</a>             |
| Yxy                                 | <a href="#">67.1197, 0.3760,<br/>0.4827</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291224153<br/>(0xFFC6E259)</a>     |
| YUV                                 | <a href="#">202.0100, -55.7139,<br/>-3.5168</a> |
| Hunter-Lab                          | <a href="#">81.9266, -29.4472,<br/>43.1275</a>  |

# Details

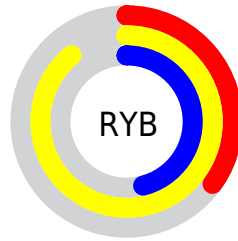
The Hex color **C6E259** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7559E2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF90**, and **8DAB1E** is the 20% darker color. If you saturate the color by 10%, you get **C1E242**, and if you desaturate by 10%, it is **CBE270**.

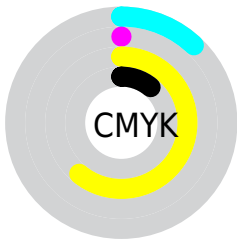
# Distribution



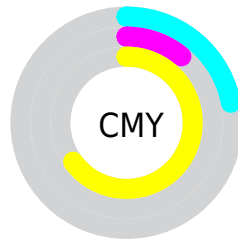
- Red (78%)
- Green (89%)
- Blue (35%)



- Red (35%)
- Yellow (89%)
- Blue (46%)



- Cyan (12%)
- Magenta (0%)
- Yellow (61%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6E259 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 C6E259 by changing the saturation by 10% instead.



 C6E259

FFFFFF

 FFFF90

 FFFFAC

 FFFFC8

 FFFFE5

 C6E259

 A9C63D

 8DAB1E

 719000

 567600

 3C5E00

 204600

 002F00

 001C00

 000000

 C6E259

 C6E259

 C1E242

 CBE270

 BDE22C

 CFE286

 B8E215

 D4E29D

 B4E200

 D8E2B3

 DDE2CA

 E2E2E1

 E6E2F7

 EBE2FF

 F0E2FF

# Harmonies

## Analogous

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



FFCE4F



C6E259



75EF87

# Triad

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



C6E259



00EFFF



FF9EE5

# Complementary

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



C6E259



7559E2

# 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.



FFB0FF



C6E259



00E1FF

# Square

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



C6E259



00F5FF



C4CAFF



FFA1A4

# Rectangle

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



C6E259



00F4B1



C4CAFF



FFA2FA

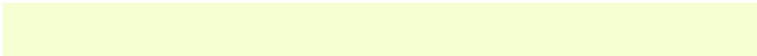


# Sweetspot

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



C6E259



F6FFD1



E27459



7A8063



000000



808080



# Same Dimension

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



C6E259



D9FF45



82E259



6E7065



8CB000



273000



# Inverse Universe

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



7559E2



6B45FF



B959E2



676570



2400B0



0A0030



# Previews

## White Background



This preview shows how the Hex color C6E259 looks on a white background.

## Color Contrast Check

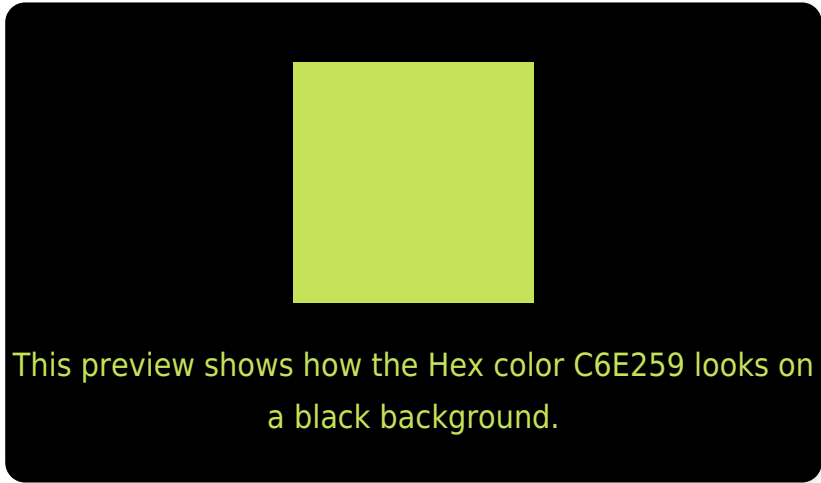
Large Text (above 18pt) WCAG AA × Fail

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 C6E259 Background



This preview shows how black text looks on a background with the Hex color C6E259.

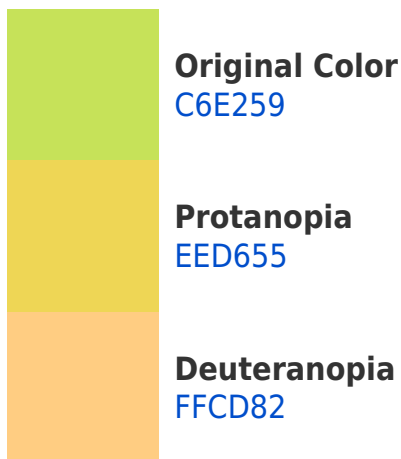


This preview shows how white text looks on a background with the Hex color C6E259.

# 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](#).

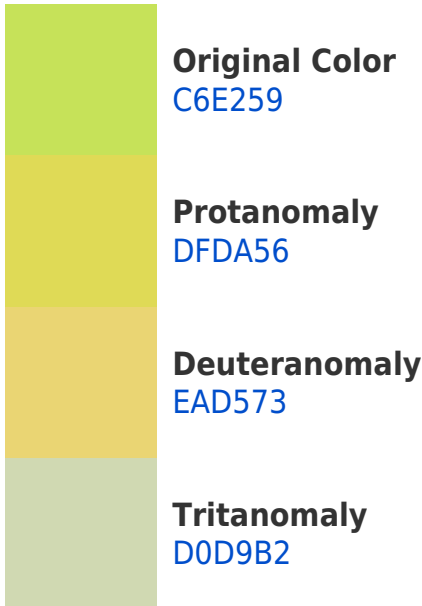
## Dichromacy



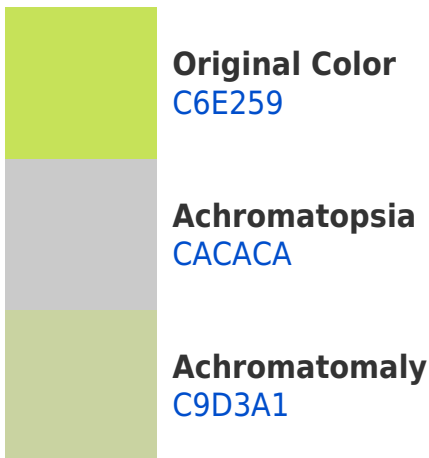


**Tritanopia**  
D5D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6E259 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 #C6E259 looks like.

```
.text, #text, p{  
    color:#C6E259  
}
```

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 #C6E259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E259
}
```

## Border

The CSS property to change the border of an element to Hex C6E259 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
#C6E259 }
```

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

```
.border{ border-color:#C6E259 }
```

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

Here you see how a box with a 4 pixel #C6E259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E259; -webkit-box-shadow:4px 4px  
4px 4px #C6E259; box-shadow:4px 4px 4px  
4px #C6E259 }
```

# Background

The CSS property to change the background color of an element to Hex C6E259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E259 }
```

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

```
.background{ background-color:#C6E259 }
```

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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