

Converting Colors

Hex(C4E975)

Have a look what the booklet for
Hex(C4E975) contains.

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Color

Hex(C4E975)

Conversions

Conversions Part 1

Format	Color
Hex	C4E975
RGB	196, 233, 117
RGB Percent	77%, 91%, 46%
CMY	0.2314, 0.0863, 0.5412
CMYK	0.16, 0.00, 0.50, 0.09
HSL	79°, 72%, 69%
HSV	79°, 50%, 91%
XYZ	55.1147, 71.2979, 27.6866
YIQ	208.7130, 15.1840, -43.9200

Conversions

Conversions Part 2

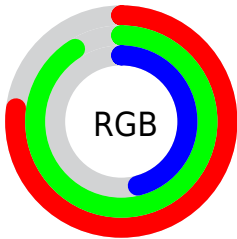
Format	Color
RYB	117, 233, 154
Decimal	12904821
CIELab	87.63, -29.73, 51.96
CIELCh	88, 59.870, 119.777
Yxy	71.2979, 0.3577, 0.4627
Android (android.graphics.Color)	4291094901 (0xFFC4E975)
YUV	208.7130, -45.2145, -11.1493
Hunter-Lab	84.4381, -31.2555, 39.6659

Details

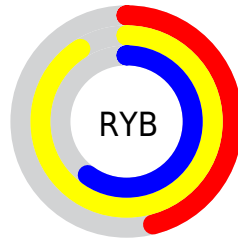
The Hex color **C4E975** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9A75E9**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FEFFAB**, and **8CB140** is the 20% darker color. If you saturate the color by 10%, you get **BDE95E**, and if you desaturate by 10%, it is **CBE98C**.

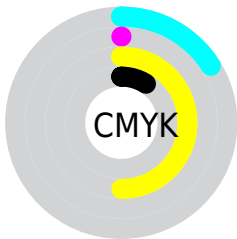
Distribution



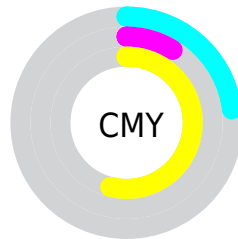
- Red (77%)
- Green (91%)
- Blue (46%)



- Red (46%)
- Yellow (91%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4E975 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 C4E975 by changing the saturation by 10% instead.

 C4E975

FFFFFF

 FEFFAB

 FFFFC8

 FFFFE4

 C4E975

 A8CD5B


 8CB140

 719625

 567C01

 3C6300

 224B00

 013400

 002100

 000000

 C4E975

 C4E975

 BDE95E

 CBE98C

 B5E946

 D3E9A4

 AEE92F

 DAE9BB

 A6E918

 E2E9D2

 9FE901

 E9E9EA

 9FE900

 F1E9FF

 F8E9FF

 FFE9FF

Harmonies

Analogous

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



FED866



C4E975



7BF4A0

Triad

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



C4E975



00F0FF



FFACDE

Complementary

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



C4E975



9A75E9

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.



FFB8FF



C4E975



74E2FF

Square

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



C4E975



00F8FF



DFCDFF



FFB2A6

Rectangle

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



C4E975



25F8C6



DFCDFE



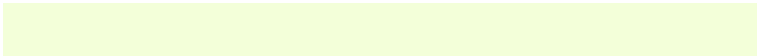
FFAEF2

Sweetspot

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



C4E975



F3FFD9



E99A75



788069



000000



808080

Same Dimension

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



C4E975



CEFF66



8AE975



72756A



7BB500



243600

Inverse Universe

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



9A75E9



9766FF



D475E9



6D6A75



3A00B5



110036

Previews

White Background



This preview shows how the Hex color C4E975 looks on a white background.

Color Contrast Check

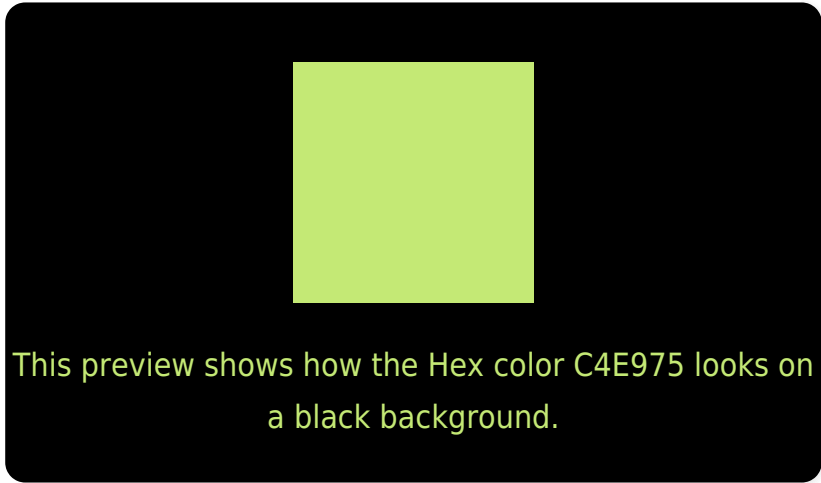
Large Text (above 18pt) WCAG AA × Fail

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 C4E975 Background



This preview shows how black text looks on a background with the Hex color C4E975.

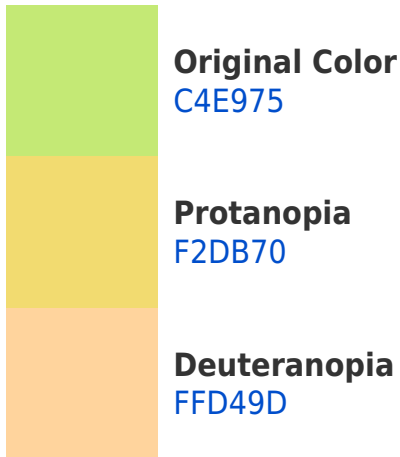


This preview shows how white text looks on a background with the Hex color C4E975.

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](#).

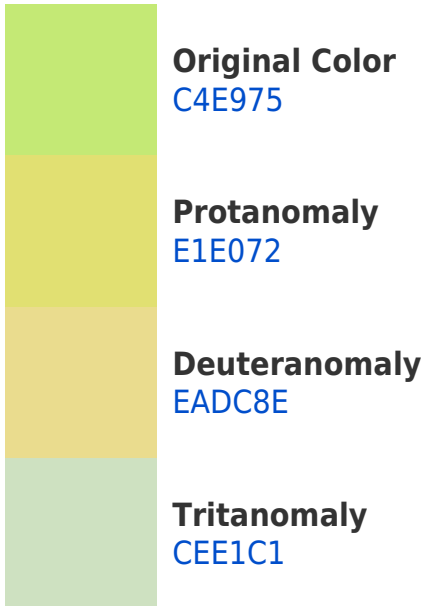
Dichromacy



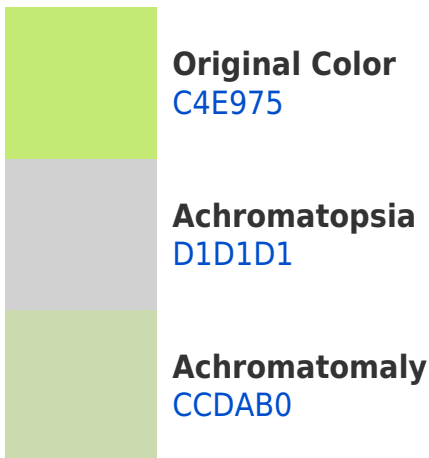


Tritanopia
D3DCED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4E975 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 #C4E975 looks like.

```
.text, #text, p{  
    color:#C4E975  
}
```

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 #C4E975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E975
}
```

Border

The CSS property to change the border of an element to Hex C4E975 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
#C4E975 }
```

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

```
.border{ border-color:#C4E975 }
```

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

Here you see how a box with a 4 pixel #C4E975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E975; -webkit-box-shadow:4px 4px  
4px 4px #C4E975; box-shadow:4px 4px 4px  
4px #C4E975 }
```

Background

The CSS property to change the background color of an element to Hex C4E975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E975 }
```

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

```
.background{ background-color:#C4E975 }
```

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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