

Converting Colors

Hex(C9E05E)

Have a look what the booklet for
Hex(C9E05E) contains.

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Color

Hex(C9E05E)

Conversions

Conversions Part 1

Format	Color
Hex	C9E05E
RGB	201, 224, 94
RGB Percent	79%, 88%, 37%
CMY	0.2118, 0.1216, 0.6314
CMYK	0.10, 0.00, 0.58, 0.12
HSL	71°, 68%, 62%
HSV	71°, 58%, 88%
XYZ	52.7634, 66.5370, 20.6517
YIQ	202.3030, 28.0220, -45.3060

Conversions

Conversions Part 2

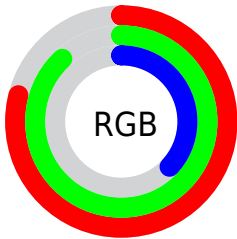
Format	Color
RYB	94, 224, 117
Decimal	13230174
CIELab	85.27, -25.58, 59.69
CIELCh	85, 64.940, 113.194
Yxy	66.5370, 0.3770, 0.4754
Android (android.graphics.Color)	4291420254 (0xFFC9E05E)
YUV	202.3030, -53.3934, -1.1427
Hunter-Lab	81.5702, -27.2857, 42.0883

Details

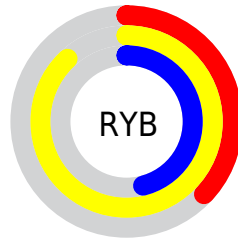
The Hex color **C9E05E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **755EE0**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF95**, and **90A926** is the 20% darker color. If you saturate the color by 10%, you get **C5E048**, and if you desaturate by 10%, it is **CDE074**.

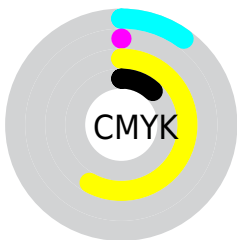
Distribution



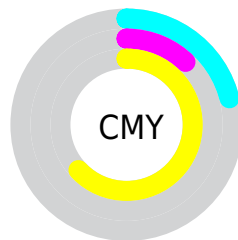
- Red (79%)
- Green (88%)
- Blue (37%)



- Red (37%)
- Yellow (88%)
- Blue (46%)



- Cyan (10%)
- Magenta (0%)
- Yellow (58%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9E05E 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 C9E05E by changing the saturation by 10% instead.

 C9E05E

 C9E05E

FFFFFF

 ACC443

 FFFF95

 90A926

 FFFF80

 758E00

 FFFFCD

 5A7500

 FFFF99

 405C00

 244400

 072E00

 001B00

 000000

 C9E05E

 C9E05E

 C5E048

 CDE074

 C1E031

 D1E08B

 BDE01B

 D5E0A1

 B9E004

 D9E0B8

 B8E000

 DDE0CE

 E1E0E4

 E5E0FB

 E9E0FF

 EDE0FF

Harmonies

Analogous

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



FFCD56



C9E05E



7EED88

Triad

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



C9E05E



00EDFF



FFA1E6

Complementary

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



C9E05E



755EE0

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



C9E05E



00E0FF

Square

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



C9E05E



00F3FF



C1CAFF



FFA3A8

Rectangle

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



C9E05E



1EF1AF



C1CAFF



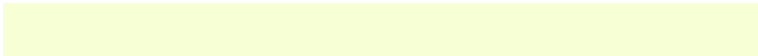
FFA5FA

Sweetspot

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



C9E05E



F7FFD4



E0745E



7B8066



000000



808080

Same Dimension

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



C9E05E



DFFF4D



89E05E



6E7065



91B000



283000

Inverse Universe

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



755EE0



6C4DFF



B55EE0



676570



1F00B0



090030

Previews

White Background



This preview shows how the Hex color C9E05E looks on a white background.

Color Contrast Check

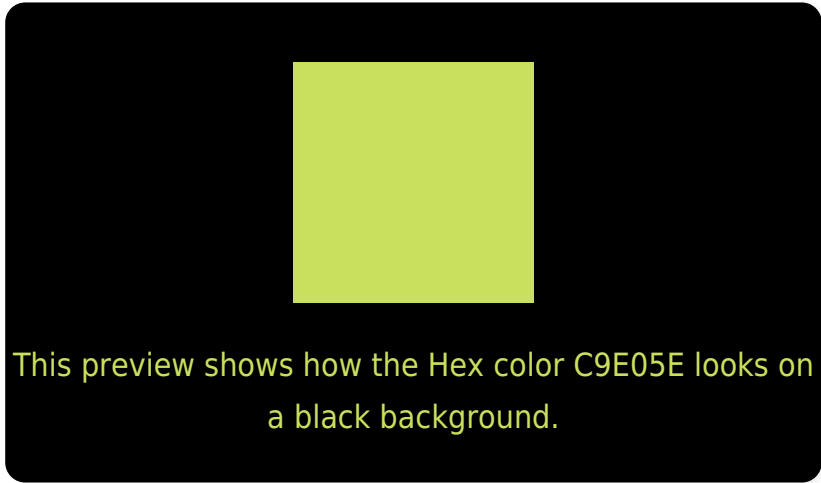
Large Text (above 18pt) WCAG AA × Fail

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 C9E05E Background



This preview shows how black text looks on a background with the Hex color C9E05E.

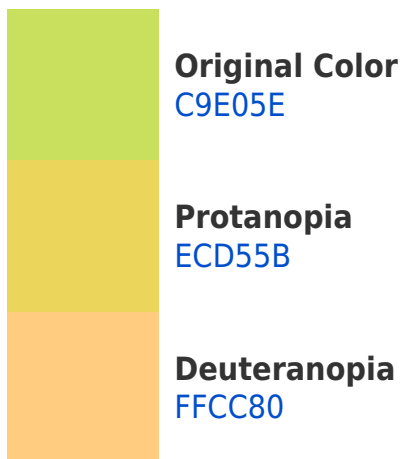


This preview shows how white text looks on a background with the Hex color C9E05E.

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](#).

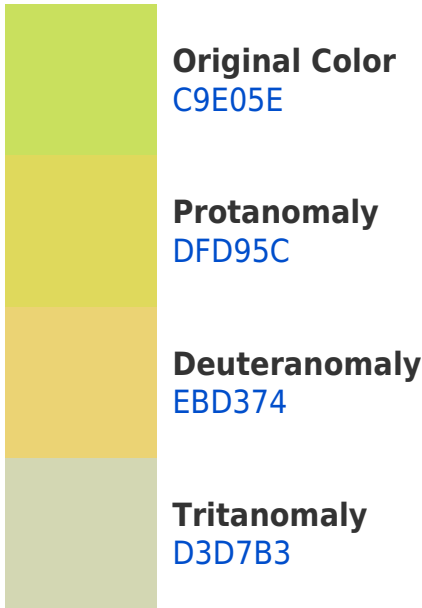
Dichromacy



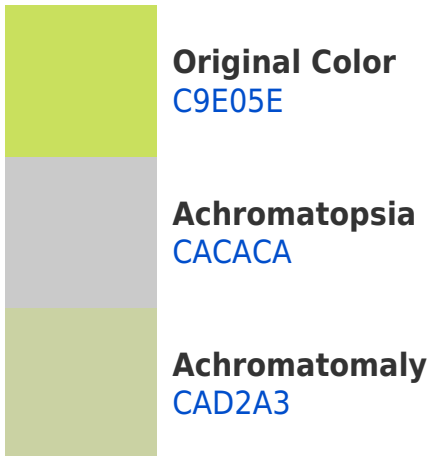


Tritanopia
D8D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9E05E 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 #C9E05E looks like.

```
.text, #text, p{  
    color:#C9E05E  
}
```

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 #C9E05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9E05E
}
```

Border

The CSS property to change the border of an element to Hex C9E05E 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
#C9E05E }
```

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

```
.border{ border-color:#C9E05E }
```

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

Here you see how a box with a 4 pixel #C9E05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9E05E; -webkit-box-shadow:4px 4px  
4px 4px #C9E05E; box-shadow:4px 4px 4px  
4px #C9E05E }
```

Background

The CSS property to change the background color of an element to Hex C9E05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9E05E }
```

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

```
.background{ background-color:#C9E05E }
```

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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