

Converting Colors

Hex(C9D12E)

Have a look what the booklet for
Hex(C9D12E) contains.

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Color

Hex(C9D12E)

Conversions

Conversions Part 1

Format	Color
Hex	C9D12E
RGB	201, 209, 46
RGB Percent	79%, 82%, 18%
CMY	0.2118, 0.1804, 0.8196
CMYK	0.04, 0.00, 0.78, 0.18
HSL	63°, 64%, 50%
HSV	63°, 78%, 82%
XYZ	47.3810, 58.2157, 11.3243
YIQ	188.0260, 47.5550, -52.3890

Conversions

Conversions Part 2

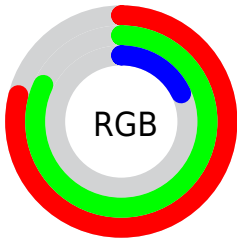
Format	Color
RYB	46, 209, 54
Decimal	13226286
CIELab	80.86, -21.04, 72.94
CIELCh	81, 75.917, 106.090
Yxy	58.2157, 0.4052, 0.4979
Android (android.graphics.Color)	4291416366 (0xFFC9D12E)
YUV	188.0260, -70.0188, 11.3782
Hunter-Lab	76.2992, -22.6770, 44.6097

Details

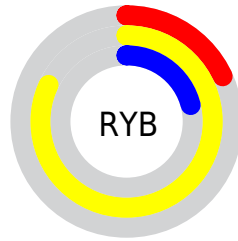
The Hex color **C9D12E** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **362ED1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFF6A**, and **8F9B00** is the 20% darker color. If you saturate the color by 10%, you get **C8D119**, and if you desaturate by 10%, it is **CAD143**.

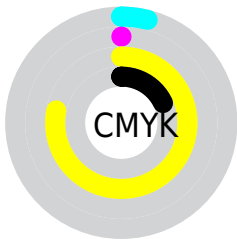
Distribution



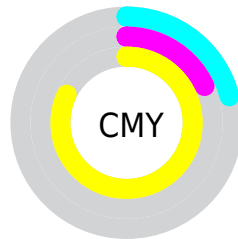
- Red (79%)
- Green (82%)
- Blue (18%)



- Red (18%)
- Yellow (82%)
- Blue (21%)



- Cyan (4%)
- Magenta (0%)
- Yellow (78%)
- Black (18%)



- Cyan (21%)
- Magenta (18%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9D12E 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 C9D12E by changing the saturation by 10% instead.

 C9D12E

 C9D12E

FFFFFF

 ACB600

 FFFF6A

 8F9B00

 FFFF87

 738100

 FFFFA3

 576800


 FFFF00

 3C5000

 FFFFDD

 213900

 FFFFFB

 042300

 000600

 000000

 C9D12E

 C9D12E

 C8D119

 CAD143

 C7D104

 CBD158

 C7D100

 CCD16D

 CDD182

 CED197

 CFD1AB

 D0D1C0

 D1D1D5

 D2D1EA

Harmonies

Analogous

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



FFB933



C9D12E



76E060

Triad

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



C9D12E



00E7FF



FF8AED

Complementary

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



C9D12E



362ED1

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.



FDA5FF



C9D12E



00DAFF

Square

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



C9D12E



00EBEE



88C3FF



FF87A5

Rectangle

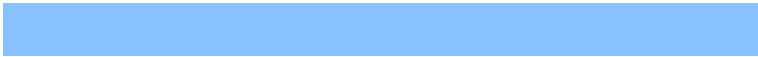
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9D12E



00E78C



88C3FF



FF92FF

Sweetspot

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



C9D12E



FCFFC4



D1332E



7E805C



000000



808080

Same Dimension

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



C9D12E



F3FF0F



7AD12E



68695E



A0A800



272900

Inverse Universe

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



362ED1



1B0FFF



852ED1



5F5E69



0800A8



020029

Previews

White Background



This preview shows how the Hex color C9D12E looks on a white background.

Color Contrast Check

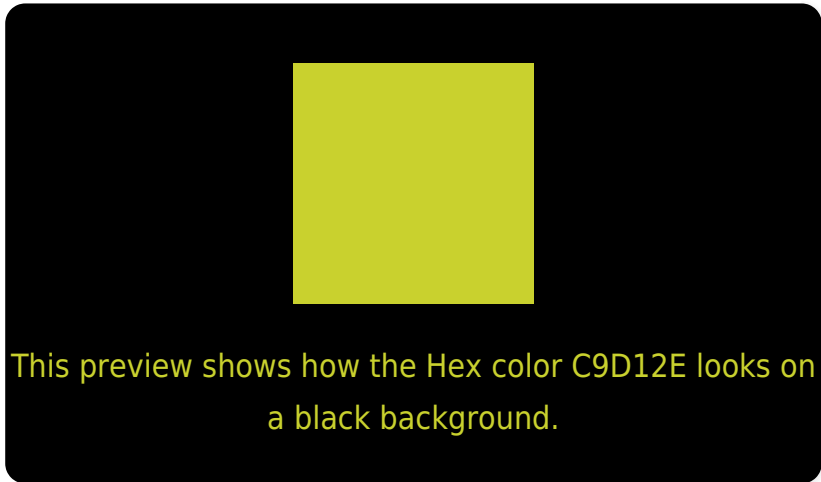
Large Text (above 18pt) WCAG AA × Fail

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 C9D12E Background



This preview shows how black text looks on a background with the Hex color C9D12E.

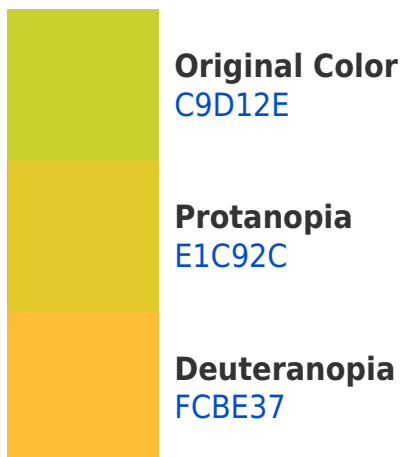


This preview shows how white text looks on a background with the Hex color C9D12E.

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](#).

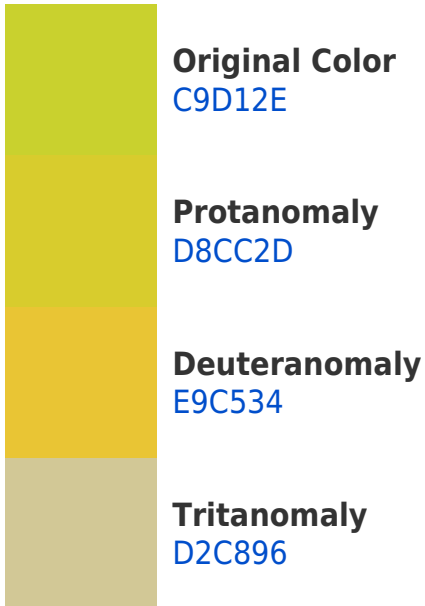
Dichromacy



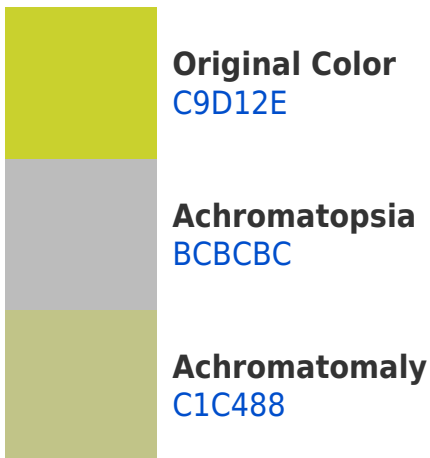


Tritanopia
D7C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C9D12E 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 #C9D12E looks like.

```
.text, #text, p{  
    color:#C9D12E  
}
```

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 #C9D12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9D12E
}
```

Border

The CSS property to change the border of an element to Hex C9D12E 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
#C9D12E }
```

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

```
.border{ border-color:#C9D12E }
```

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

Here you see how a box with a 4 pixel #C9D12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9D12E; -webkit-box-shadow:4px 4px  
4px 4px #C9D12E; box-shadow:4px 4px 4px  
4px #C9D12E }
```

Background

The CSS property to change the background color of an element to Hex C9D12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9D12E }
```

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

```
.background{ background-color:#C9D12E }
```

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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