

Converting Colors

Hex(CED344)

Have a look what the booklet for
Hex(CED344) contains.

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Color

Hex(CED344)

Conversions

Conversions Part 1

Format	Color
Hex	CED344
RGB	206, 211, 68
RGB Percent	81%, 83%, 27%
CMY	0.1922, 0.1725, 0.7333
CMYK	0.02, 0.00, 0.68, 0.17
HSL	62°, 62%, 55%
HSV	62°, 68%, 83%
XYZ	49.7913, 60.1277, 14.4504
YIQ	193.2030, 42.9230, -45.5330

Conversions

Conversions Part 2

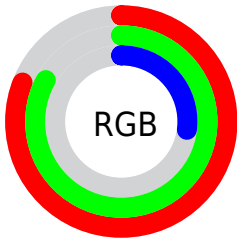
Format	Color
RYB	68, 211, 73
Decimal	13554500
CIELab	81.91, -18.95, 66.79
CIElCh	82, 69.426, 105.840
Yxy	60.1277, 0.4003, 0.4835
Android (android.graphics.Color)	4291744580 (0xFFCED344)
YUV	193.2030, -61.7251, 11.2230
Hunter-Lab	77.5421, -21.0803, 43.2304

Details

The Hex color **CED344** 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 **4944D3**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFF7C**, and **949D00** is the 20% darker color. If you saturate the color by 10%, you get **CDD32F**, and if you desaturate by 10%, it is **CFD359**.

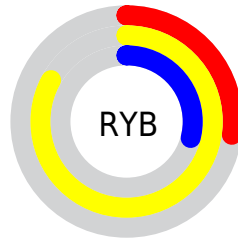
Distribution



Red (81%)

Green (83%)

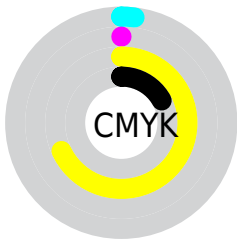
Blue (27%)



Red (27%)

Yellow (83%)

Blue (29%)

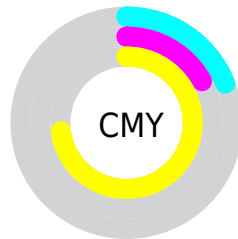


Cyan (2%)

Magenta (0%)

Yellow (68%)

Black (17%)



Cyan (19%)

Magenta (17%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CED344 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 CED344 by changing the saturation by 10% instead.

 CED344

 CED344

FFFFFF

 B1B725

 FFFF7C

 949D00

 FFFF98

 788300

 FFFFB4

 5D6A00

 FFFFD1

 425200

 FFFFEE

 273B00

 0E2500

 000D00

 000000

 CED344

 CED344

 CDD32F

 CFD359

 CDD31A

 CFD36E

 CCD305

 D0D383

 CCD300

 D1D398

 D2D3AD

 D2D3C3

 D3D3D8

 D4D3ED

 D5D3FF

Harmonies

Analogous

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



FFBD47



CED344



83E26C

Triad

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



CED344



00E7FF



FF95ED

Complementary

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



CED344



4944D3

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.



FBACFF



CED344



00DCFF

Square

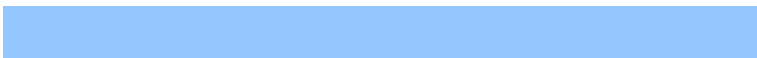
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CED344



00ECED



95C7FF



FF92AC

Rectangle

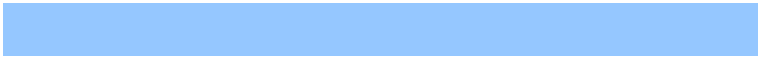
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CED344



2CE894



95C7FF



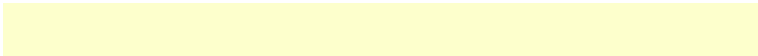
FF9BFF

Sweetspot

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



CED344



FDFECC



D34944



7E8061



000000



808080

Same Dimension

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



CED344



F8FF30



87D344



68695E



A2A800



272900

Inverse Universe

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



4944D3



3830FF



9044D3



5E5E69



0600A8



010029

Previews

White Background



This preview shows how the Hex color CED344 looks on a white background.

Color Contrast Check

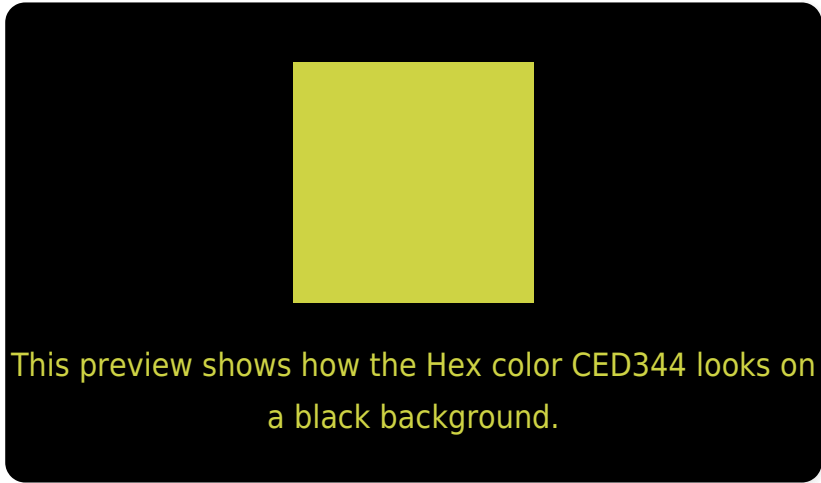
Large Text (above 18pt) WCAG AA × Fail

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 CED344 Background



This preview shows how black text looks on a background with the Hex color CED344.



This preview shows how white text looks on a background with the Hex color CED344.

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



Original Color
CED344

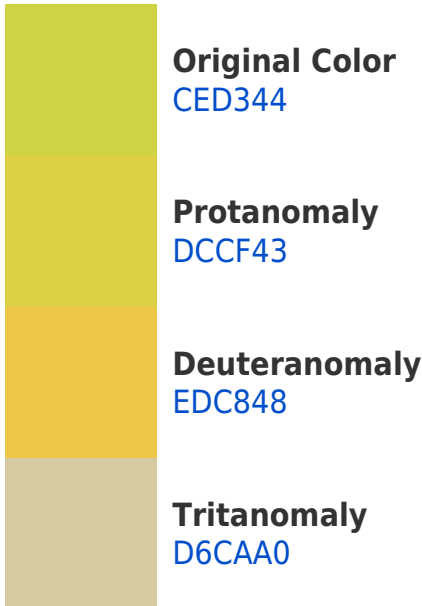
Protanopia
E4CC42

Deuteranopia
FEC14A

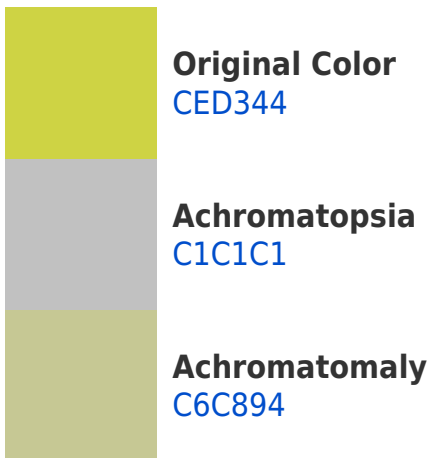


Tritanopia
DBC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CED344 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 #CED344 looks like.

```
.text, #text, p{  
    color:#CED344  
}
```

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 #CED344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CED344  
}
```

Border

The CSS property to change the border of an element to Hex CED344 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  
#CED344 }
```

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

```
.border{ border-color:#CED344 }
```

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

Here you see how a box with a 4 pixel #CED344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CED344; -webkit-box-shadow:4px 4px  
4px 4px #CED344; box-shadow:4px 4px 4px  
4px #CED344 }
```

Background

The CSS property to change the background color of an element to Hex CED344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CED344 }
```

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

```
.background{ background-color:#CED344 }
```

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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