

Converting Colors

Hex(CDE137)

Have a look what the booklet for
Hex(CDE137) contains.

Hex(CDE137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDE137)

Conversions

Conversions Part 1

Format	Color
Hex	CDE137
RGB	205, 225, 55
RGB Percent	80%, 88%, 22%
CMY	0.1961, 0.1176, 0.7843
CMYK	0.09, 0.00, 0.76, 0.12
HSL	67°, 74%, 55%
HSV	67°, 76%, 88%
XYZ	52.7916, 67.1054, 13.7847
YIQ	199.6400, 42.6500, -57.1100

Conversions

Conversions Part 2

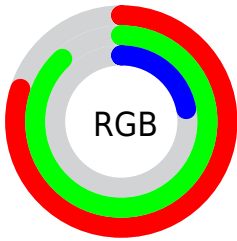
Format	Color
RYB	55, 225, 75
Decimal	13492535
CIELab	85.56, -26.74, 74.67
CIELCh	86, 79.318, 109.704
Yxy	67.1054, 0.3949, 0.5020
Android (android.graphics.Color)	4291682615 (0xFFCDE137)
YUV	199.6400, -71.3075, 4.7007
Hunter-Lab	81.9179, -28.3227, 47.3656

Details

The Hex color **CDE137** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **4B37E1**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF73**, and **93AA00** is the 20% darker color. If you saturate the color by 10%, you get **CAE120**, and if you desaturate by 10%, it is **D0E14E**.

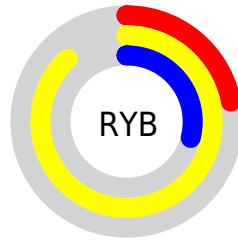
Distribution



Red (80%)

Green (88%)

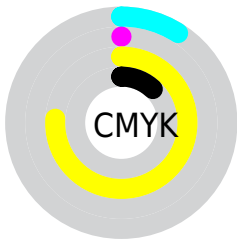
Blue (22%)



Red (22%)

Yellow (88%)

Blue (29%)

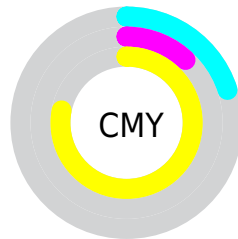


Cyan (9%)

Magenta (0%)

Yellow (76%)

Black (12%)



Cyan (20%)

Magenta (12%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDE137 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 CDE137 by changing the saturation by 10% instead.

 CDE137

FFFFFF

 FFFF73

 FFFF8F

 FFFFAC

 FFFFC9

 FFFFE6

 CDE137

 B0C50C


 93AA00

 768F00

 5B7600

 3F5D00

 234500

 042F00

 001C00

 000000

 CDE137

 CDE137

 CAE120

 D0E14E

 C8E10A

 D2E164

 C7E100

 D5E17B

 D8E191

 DAE1A8

 DDE1BE

 E0E1D4

 E2E1EB

 E5E1FF

Harmonies

Analogous

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



FFC934



CDE137



70F06F

Triad

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



CDE137



00F4FF



FF92F3

Complementary

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



CDE137



4B37E1

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.



FFACFF



CDE137



00E6FF

Square

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



CDE137



00FAFF



A6CFFF



FF92A8

Rectangle

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



CDE137



00F69F



A6CDFF



FF98FF

Sweetspot

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



CDE137



F8FFC4



E14B37



7B805C



000000



808080

Same Dimension

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



CDE137



E4FF17



78E137



6F7065



9BB000



2B3000

Inverse Universe

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



4B37E1



3217FF



A037E1



666570



1500B0



060030

Previews

White Background



This preview shows how the Hex color CDE137 looks on a white background.

Color Contrast Check

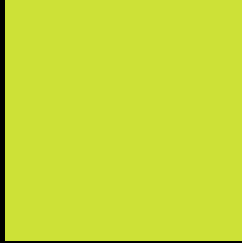
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color CDE137 looks on a 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 CDE137 Background



This preview shows how black text looks on a background with the Hex color CDE137.

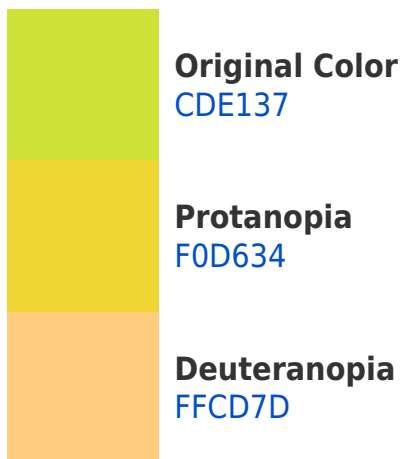


This preview shows how white text looks on a background with the Hex color CDE137.

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](#).

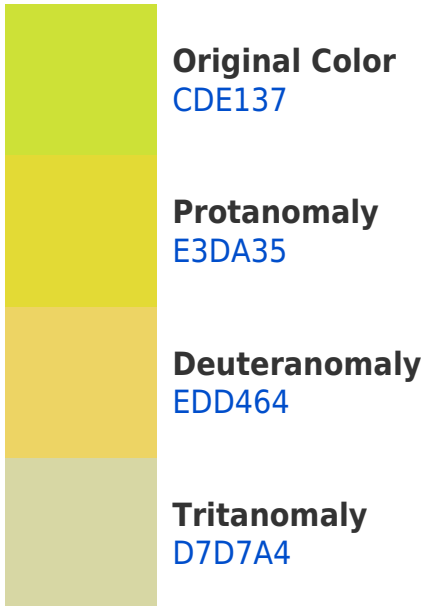
Dichromacy



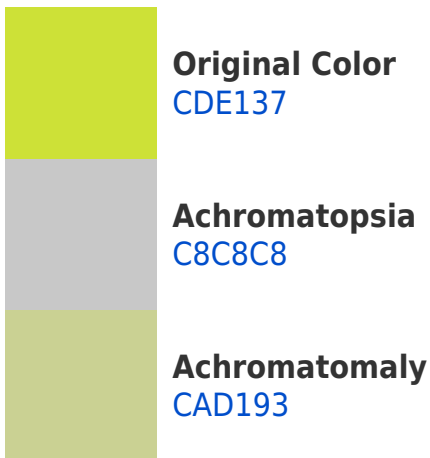


Tritanopia
DDD2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDE137 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 #CDE137 looks like.

```
.text, #text, p{  
    color:#CDE137  
}
```

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 #CDE137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE137
}
```

Border

The CSS property to change the border of an element to Hex CDE137 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
#CDE137 }
```

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

```
.border{ border-color:#CDE137 }
```

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

Here you see how a box with a 4 pixel #CDE137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE137; -webkit-box-shadow:4px 4px  
4px 4px #CDE137; box-shadow:4px 4px 4px  
4px #CDE137 }
```

Background

The CSS property to change the background color of an element to Hex CDE137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE137 }
```

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

```
.background{ background-color:#CDE137 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor