

# Converting Colors

Hex(CDEC29)

Have a look what the booklet for  
Hex(CDEC29) contains.

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# **Color**

**Hex(CDEC29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEC29
RGB	205, 236, 41
RGB Percent	80%, 93%, 16%
CMY	0.1961, 0.0745, 0.8392
CMYK	0.13, 0.00, 0.83, 0.07
HSL	70°, 84%, 54%
HSV	70°, 83%, 93%
XYZ	55.5725, 73.1301, 13.2844
YIQ	204.5010, 44.1190, -67.2170

# Conversions

## Conversions Part 2

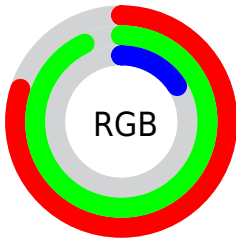
Format	Color
R <sub>Y</sub> B	41, 236, 72
Decimal	13495337
CIE Lab	88.51, -32.38, 80.99
CIE LCh	89, 87.225, 111.788
Yxy	73.1301, 0.3914, 0.5150
Android (android.graphics.Color)	4291685417 (0xFFCDEC29)
YUV	204.5010, -80.6060, 0.4376
Hunter-Lab	85.5162, -33.6554, 50.6510

# Details

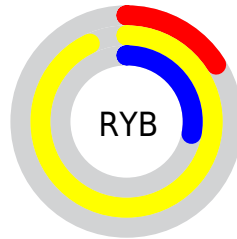
The Hex color **CDEC29** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4829EC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF6B**, and **92B400** is the 20% darker color. If you saturate the color by 10%, you get **C9EC11**, and if you desaturate by 10%, it is **D1EC41**.

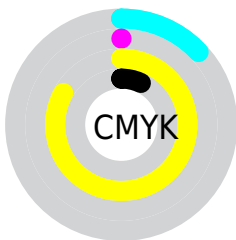
# Distribution



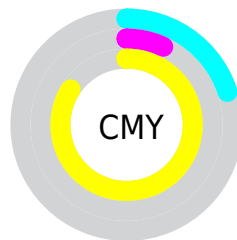
- Red (80%)
- Green (93%)
- Blue (16%)



- Red (16%)
- Yellow (93%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (83%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDEC29 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 CDEC29 by changing the saturation by 10% instead.



 CDEC29

 CDEC29

FFFFFF

 AFD000

 FFFF6B

 92B400

 FFFF88

 759900

 FFFFA5

 597F00

 FFFFC2

 3C6600

 FFFFFE0

 1E4E00

FFFFFFE

 003700

 002300

 000000

 CDEC29

 CDEC29

 C9EC11

 D1EC41

 C6EC00

 D5EC58

 D8EC70

 DCEC87

 E0EC9F

 E4ECB7

 E7ECCE

 EBEC E6

 EFECFD

# Harmonies

## Analogous

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



FFD21C



CDEC29



5EFC71

# Triad

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



CDEC29



00FFFF



FF8EF9

# Complementary

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



CDEC29



4829EC

# 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



CDEC29



00EFFF

# Square

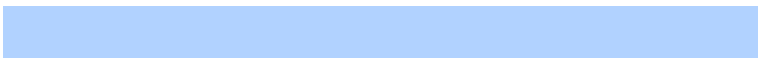
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDEC29



00FFFF



B1D2FF



FF91A6

# Rectangle

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



CDEC29



00FFA7



B1D2FF



FF96FF

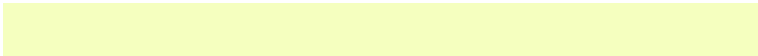


# Sweetspot

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



CDEC29



F5FFBF



EC4629



798059



000000



808080



# Same Dimension

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



CDEC29



D7FF03



6DEC29



73756A



98B500



2D3600



# Inverse Universe

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



4829EC



2B03FF



A829EC



6B6A75



1D00B5

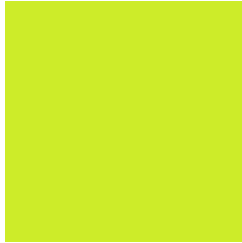


090036



# Previews

## White Background



This preview shows how the Hex color CDEC29 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 CDEC29 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 CDEC29 Background



This preview shows how black text looks on a background with the Hex color CDEC29.



This preview shows how white text looks on a background with the Hex color CDEC29.

# 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**  
CDEC29

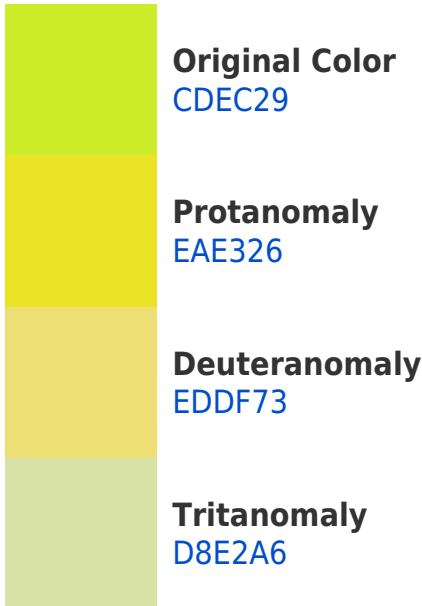
**Protanopia**  
FADE25

**Deuteranopia**  
FFD79E

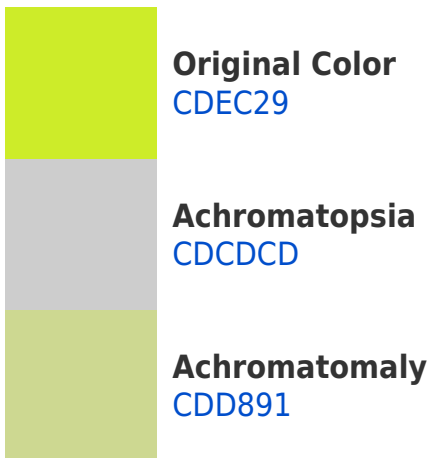


**Tritanopia**  
DFDCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDEC29 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 #CDEC29 looks like.

```
.text, #text, p{  
    color:#CDEC29  
}
```

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 #CDEC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDEC29
}
```

## Border

The CSS property to change the border of an element to Hex CDEC29 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
#CDEC29 }
```

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

```
.border{ border-color:#CDEC29 }
```

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

Here you see how a box with a 4 pixel #CDEC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDEC29; -webkit-box-shadow:4px 4px  
4px 4px #CDEC29; box-shadow:4px 4px 4px  
4px #CDEC29 }
```

# Background

The CSS property to change the background color of an element to Hex CDEC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDEC29 }
```

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

```
.background{ background-color:#CDEC29 }
```

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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