

# Converting Colors

Hex(C1E290)

Have a look what the booklet for  
Hex(C1E290) contains.

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**Color**

**Hex(C1E290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1E290
RGB	193, 226, 144
RGB Percent	76%, 89%, 56%
CMY	0.2431, 0.1137, 0.4353
CMYK	0.15, 0.00, 0.36, 0.11
HSL	84°, 59%, 73%
HSV	84°, 36%, 89%
XYZ	54.2227, 67.7438, 36.6036
YIQ	206.7850, 6.6540, -32.4980

# Conversions

## Conversions Part 2

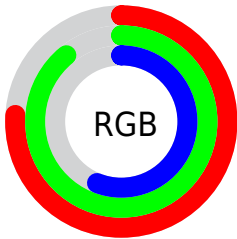
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 226, 177
Decimal	12706448
CIELab	85.88, -24.45, 36.59
CIElCh	86, 44.002, 123.749
Yxy	67.7438, 0.3419, 0.4272
Android (android.graphics.Color)	4290896528 (0xFFC1E290)
YUV	206.7850, -30.9530, -12.0894
Hunter-Lab	82.3066, -26.4427, 31.2471

# Details

The Hex color **C1E290** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B190E2**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FAFFC7**, and **8AAB5C** is the 20% darker color. If you saturate the color by 10%, you get **B8E279**, and if you desaturate by 10%, it is **CAE2A7**.

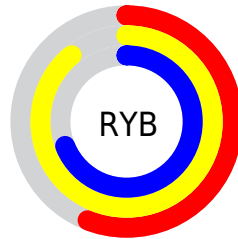
# Distribution



Red (76%)

Green (89%)

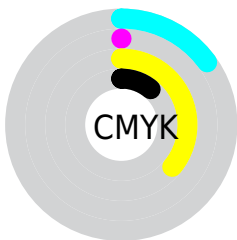
Blue (56%)



Red (56%)

Yellow (89%)

Blue (69%)

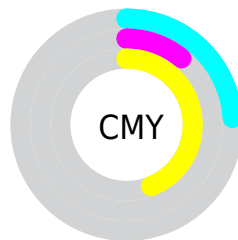


Cyan (15%)

Magenta (0%)

Yellow (36%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E290 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 C1E290 by changing the saturation by 10% instead.



 C1E290

FFFFFF

 FAFFC7

 FFFFE3

 C1E290

 A5C676

 8AAB5C

 709044

 56762B

 3D5D13

 254600

 0C2F00

 001D00

 000000

 C1E290

 C1E290

 B8E279

 CAE2A7

 AFE263

 D3E2BD

 A6E24C

 DCE2D4

 9DE236

 E5E2EA

 94E21F

 EEE2FF

 8AE208

 F8E2FF

 87E200

 FFE2FF

# Harmonies

## Analogous

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



EDD683



C1E290



8FEAB1

# Triad

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



C1E290



5BE5FF



FFB6D3

# Complementary

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



C1E290



B190E2

# Split Complementary

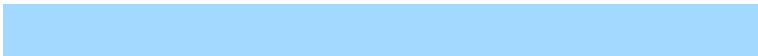
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBCFC



C1E290



A3D9FF

# Square

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



C1E290



29ECFF



E3CAFF



FFBBAB

# Rectangle

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



C1E290



6AEDCC



E3CAFF



FFB7E1



# Sweetspot

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



C1E290



F4FFE3



E2B190



79806F



000000



808080

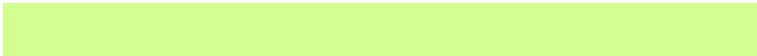


# Same Dimension

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



C1E290



D2FF8F



98E290



6C7065



69B000



1D3000



# Inverse Universe

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



B190E2



BC8FFF



DA90E2



696570



4700B0



130030



# Previews

## White Background



This preview shows how the Hex color C1E290 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 C1E290 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 C1E290 Background



This preview shows how black text looks on a background with the Hex color C1E290.

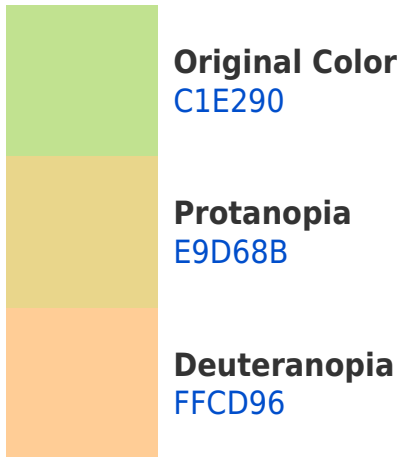


This preview shows how white text looks on a background with the Hex color C1E290.

# 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](#).

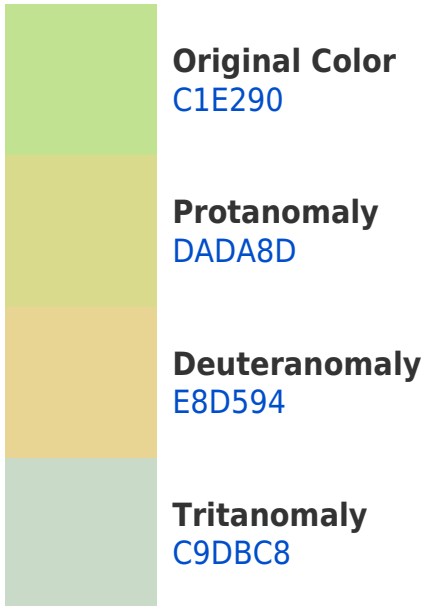
## Dichromacy



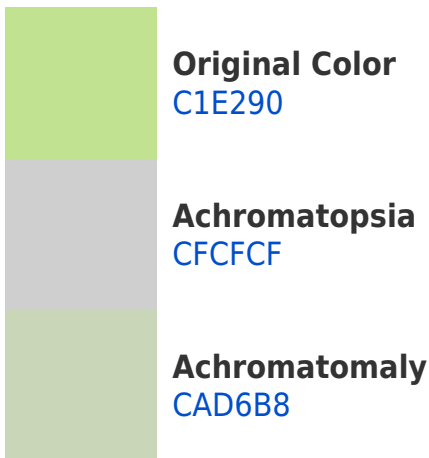


**Tritanopia**  
CDD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E290 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 #C1E290 looks like.

```
.text, #text, p{  
    color:#C1E290  
}
```

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 #C1E290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E290
}
```

## Border

The CSS property to change the border of an element to Hex C1E290 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
#C1E290 }
```

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

```
.border{ border-color:#C1E290 }
```

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

Here you see how a box with a 4 pixel #C1E290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E290; -webkit-box-shadow:4px 4px  
4px 4px #C1E290; box-shadow:4px 4px 4px  
4px #C1E290 }
```

# Background

The CSS property to change the background color of an element to Hex C1E290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E290 }
```

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

```
.background{ background-color:#C1E290 }
```

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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