

# Converting Colors

Decimal(12971264)

Have a look what the booklet for  
Decimal(12971264) contains.

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# **Color**

**Decimal(12971264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5ED00
RGB	197, 237, 0
RGB Percent	77%, 93%, 0%
CMY	0.2275, 0.0706, 1.0000
CMYK	0.17, 0.00, 1.00, 0.07
HSL	70°, 100%, 46%
HSV	70°, 100%, 93%
XYZ	53.3101, 72.4387, 11.1723
YIQ	198.0220, 52.2370, -82.1870

# Conversions

## Conversions Part 2

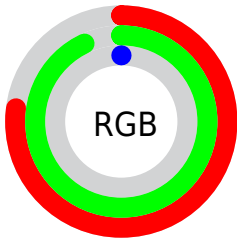
Format	Color
<a href="#">RYB</a>	0, 237, 40
Decimal	12971264
CIELab	88.18, -36.70, 85.99
CIELCh	88, 93.493, 113.115
Yxy	72.4387, 0.3893, 0.5291
Android (android.graphics.Color)	4291161344 (0xFFC5ED00)
YUV	198.0220, -97.6248, -0.8963
Hunter-Lab	85.1109, -37.1387, 51.7948

# Details

The Decimal color **12971264** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **2621677**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16777051**, and **9090304** is the 20% darker color. If you saturate the color by 10%, you get **12971264**, and if you desaturate by 10%, it is **13233432**.

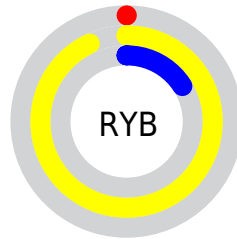
# Distribution



Red (77%)

Green (93%)

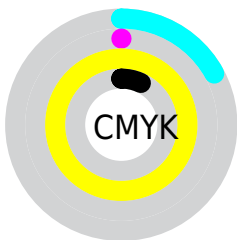
Blue (0%)



Red (0%)

Yellow (93%)

Blue (16%)

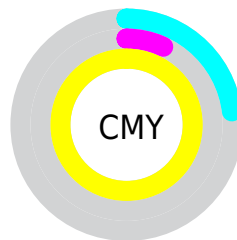


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (23%)

Magenta (7%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12971264 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 Decimal color 12971264 by changing the saturation by 10% instead.



 12971264	 12971264
 16777215	 10998016
 16777051	 9090304
 16777082	 7182848
 16777111	 5275648
 16777141	 3237632
 16777171	 1003008
 16777201	 14080
	 8960
	 0

 12971264

 13233432

 13495599

 13757767

 14019935

 14282102

 14544270

 14806438

 15068606

 15330773

# Harmonies

## Analogous

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



16765440



12971264



4193642

# Triad

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



12971264



65535



16745462

# Complementary

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



12971264



2621677

# 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.



16754175



12971264



61183

# Square

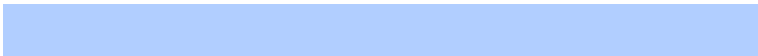
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12971264



65535



11652863



16746653

# Rectangle

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



12971264



65446



11652863



16747519



# Sweetspot

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



12971264



15925171



15542016



7897170



0



8421504



# Same Dimension

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



12971264



13958912



5238016



7566698



9876736



2962944



# Inverse Universe

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



2621677



2818303



10354925



7105141



2031797

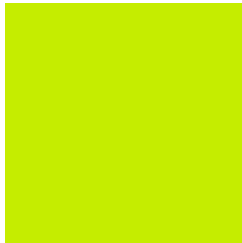


589878



# Previews

## White Background



This preview shows how the Decimal color 12971264 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 Decimal color 12971264 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](#).



## Decimal 12971264 Background



This preview shows how black text looks on a background with the Decimal color 12971264.

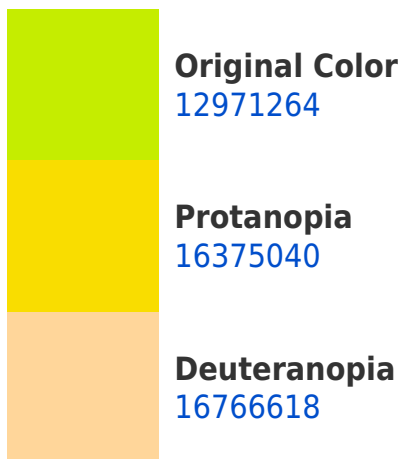


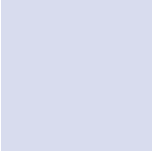
This preview shows how white text looks on a background with the Decimal color 12971264.

# 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](#).

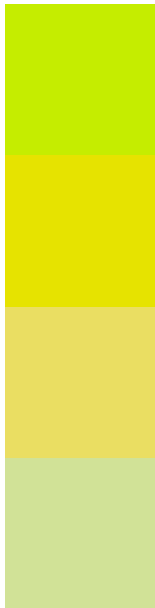
## Dichromacy





**Tritanopia**  
14212334

# Trichromacy



**Original Color**  
12971264

**Protanomaly**  
15131392

**Deuteranomaly**  
15392354

**Tritanomaly**  
13755031

# Monochromacy



**Original Color**  
12971264

**Achromatopsia**  
13027014

**Achromatomaly**  
13030526

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12971264 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 #C5ED00 looks like.

```
.text, #text, p{  
    color:#C5ED00  
}
```

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 #C5ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5ED00
}
```

## Border

The CSS property to change the border of an element to Decimal 12971264 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
#C5ED00 }
```

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

```
.border{ border-color:#C5ED00 }
```

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

Here you see how a box with a 4 pixel #C5ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5ED00; -webkit-box-shadow:4px 4px  
4px 4px #C5ED00; box-shadow:4px 4px 4px  
4px #C5ED00 }
```

# Background

The CSS property to change the background color of an element to Decimal 12971264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5ED00 }
```

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

```
.background{ background-color:#C5ED00 }
```

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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