

# Converting Colors

Decimal(12840287)

Have a look what the booklet for  
Decimal(12840287) contains.

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**Color**

**Decimal(12840287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3ED5F
RGB	195, 237, 95
RGB Percent	76%, 93%, 37%
CMY	0.2353, 0.0706, 0.6275
CMYK	0.18, 0.00, 0.60, 0.07
HSL	78°, 80%, 65%
HSV	78°, 60%, 93%
XYZ	54.8554, 72.9967, 22.0251
YIQ	208.2540, 20.5500, -53.0660

# Conversions

## Conversions Part 2

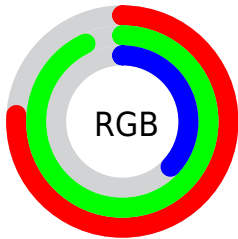
Format	Color
<a href="#">RYB</a>	<a href="#">95, 237, 137</a>
Decimal	<a href="#">12840287</a>
CIELab	<a href="#">88.45, -33.91, 62.68</a>
CIELCh	<a href="#">88, 71.260, 118.414</a>
Yxy	<a href="#">72.9967, 0.3660, 0.4870</a>
Android (android.graphics.Color)	<a href="#">4291030367 (0xFFC3ED5F)</a>
YUV	<a href="#">208.2540, -55.8342, -11.6238</a>
Hunter-Lab	<a href="#">85.4381, -34.9110, 44.5223</a>

# Details

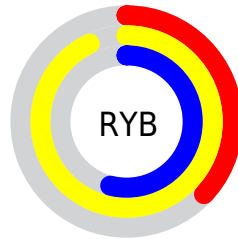
The Decimal color **12840287** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **9002989**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16711574**, and **9090341** is the 20% darker color. If you saturate the color by 10%, you get **12381511**, and if you desaturate by 10%, it is **13299063**.

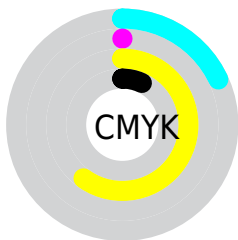
# Distribution



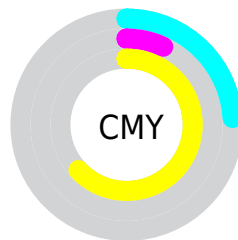
- Red (76%)
- Green (93%)
- Blue (37%)



- Red (37%)
- Yellow (93%)
- Blue (54%)



- Cyan (18%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)



















- Cyan (24%)
- Magenta (7%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12840287 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 12840287 by changing the saturation by 10% instead.



 12840287	 12840287
 16777215	 10932547
 16711574	 9090341
 16777138	 7248384
 16777167	 5472256
 16777196	 3696384
	 1723904
	 14080
	 8960
	 0

 12840287

 12840287

 12381511

 13299063

 11922736

 13757838

 11463960

 14216614

 11005184

 14675390

 15134165

 15592941

 16051711

 16510463

 16772607

# Harmonies

## Analogous

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



16767310



12840287



6814100

# Triad

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



12840287



63487



16753380

# Complementary

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



12840287



9002989

# 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.



16757503



12840287



2549759

# Square

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



12840287



65535



14339839



16754849

# Rectangle

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



12840287



65216



14339839



16754171

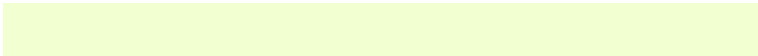


# Sweetspot

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



12840287



15859665



15566687



7831651



0



8421504



# Same Dimension

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



12840287



13238087



8318303



7501162



8369408



2504192



# Inverse Universe

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



9002989



8275967



13524973



7170677



3539125



1048630



# Previews

## White Background



This preview shows how the Decimal color 12840287 looks on a white background.

## Color Contrast Check

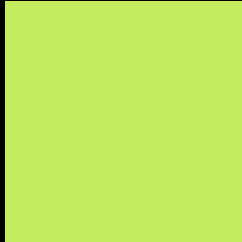
Large Text (above 18pt) WCAG AA × Fail

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 12840287 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 12840287 Background



This preview shows how black text looks on a background with the Decimal color 12840287.

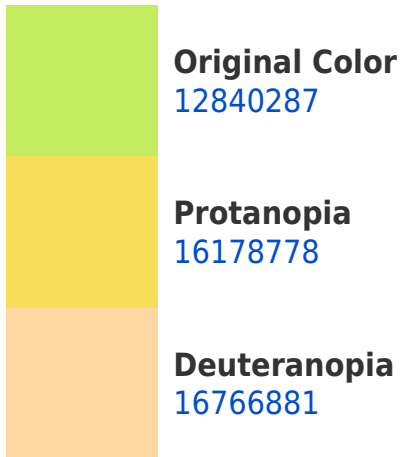


This preview shows how white text looks on a background with the Decimal color 12840287.

# 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



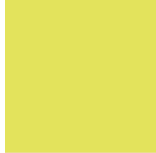


**Tritanopia**  
13950704

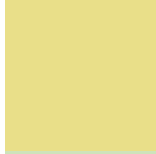
# Trichromacy



**Original Color**  
12840287



**Protanomaly**  
14934876



**Deuteranomaly**  
15327113

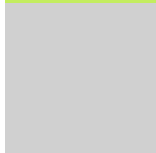


**Tritanomaly**  
13558715

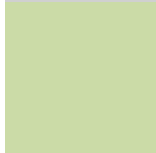
# Monochromacy



**Original Color**  
12840287



**Achromatopsia**  
13684944



**Achromatomaly**  
13360039

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12840287 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 #C3ED5F looks like.

```
.text, #text, p{  
    color:#C3ED5F  
}
```

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 #C3ED5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3ED5F
}
```

## Border

The CSS property to change the border of an element to Decimal 12840287 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
#C3ED5F }
```

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

```
.border{ border-color:#C3ED5F }
```

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

Here you see how a box with a 4 pixel #C3ED5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3ED5F; -webkit-box-shadow:4px 4px  
4px 4px #C3ED5F; box-shadow:4px 4px 4px  
4px #C3ED5F }
```

# Background

The CSS property to change the background color of an element to Decimal 12840287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3ED5F }
```

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

```
.background{ background-color:#C3ED5F }
```

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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