

# Converting Colors

Decimal(12712300)

Have a look what the booklet for  
Decimal(12712300) contains.

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# **Color**

**Decimal(12712300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1F96C
RGB	193, 249, 108
RGB Percent	76%, 98%, 42%
CMY	0.2431, 0.0235, 0.5765
CMYK	0.22, 0.00, 0.57, 0.02
HSL	84°, 92%, 70%
HSV	84°, 57%, 98%
XYZ	58.5748, 80.1715, 26.5748
YIQ	216.1820, 11.8850, -55.7230

# Conversions

## Conversions Part 2

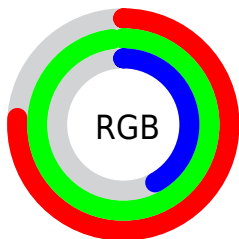
Format	Color
<a href="#">RYB</a>	<a href="#">108, 249, 164</a>
Decimal	<a href="#">12712300</a>
<a href="#">CIELab</a>	<a href="#">91.76, -39.00, 60.81</a>
<a href="#">CIELCh</a>	<a href="#">92, 72.238, 122.672</a>
<a href="#">Yxy</a>	<a href="#">80.1715, 0.3543, 0.4849</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4290902380 (0xFFC1F96C)</a>
<a href="#">YUV</a>	<a href="#">216.1820, -53.3337, -20.3306</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.5386, -39.9205, 45.0799</a>

# Details

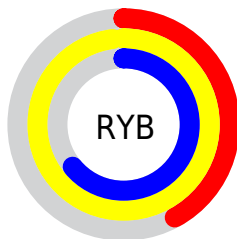
The Decimal color **12712300** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **10775801**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16580515**, and **8962100** is the 20% darker color. If you saturate the color by 10%, you get **12056915**, and if you desaturate by 10%, it is **13367685**.

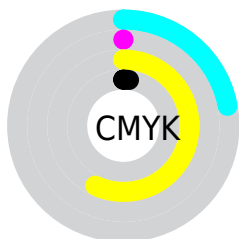
# Distribution



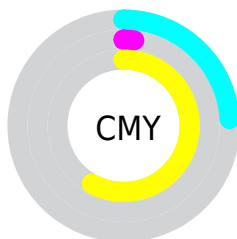
- Red (76%)
- Green (98%)
- Blue (42%)



- Red (42%)
- Yellow (98%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (57%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12712300 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 12712300 by changing the saturation by 10% instead.



 12712300

 12712300

16777215

 10804305

 16580515

 8962100

 16777152

 7120146

 16777180

 5278208

 16777210

 3436800

 1333248

 16384

 10752

 3072

 12712300

 12712300

 12056915

 13367685

 11401530

 14023070

 10746145

 14678455

 10090760

 15333840

 9894144

 15923689

 16579071

 16775679

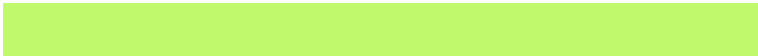
# Harmonies

## Analogous

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



16770644



12712300



6094757

# Triad

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



12712300



65535



16755428

# Complementary

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



12712300



10775801

# 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.



16758783



12712300



6614527

# Square

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



12712300



65535



15979519



16757920

# Rectangle

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



12712300



65491



15979519



16755963

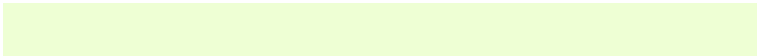


# Sweetspot

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



12712300



15663060



16360044



7700582



0



8421504



# Same Dimension

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



12712300



12255058



8190316



7896432



7519488



2440448



# Inverse Universe

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



10775801



9851647



15297785



7696509



4915389

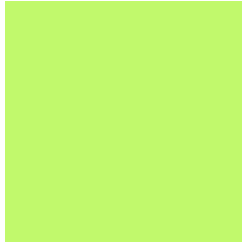


1572925



# Previews

## White Background



This preview shows how the Decimal color 12712300 looks on a white background.

## Color Contrast Check

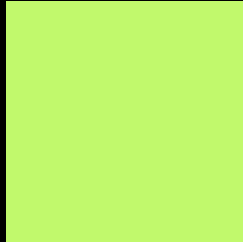
Large Text (above 18pt) WCAG AA × Fail

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 12712300 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 12712300 Background



This preview shows how black text looks on a background with the Decimal color 12712300.

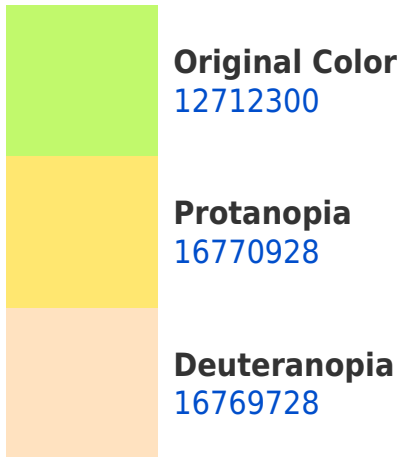


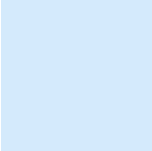
This preview shows how white text looks on a background with the Decimal color 12712300.

# 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](#).

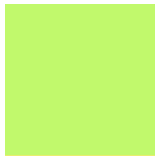
## Dichromacy



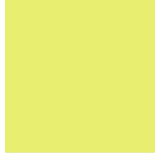


**Tritanopia**  
13953788

# Trichromacy



**Original Color**  
12712300



**Protanomaly**  
15265391



**Deuteranomaly**  
15264417

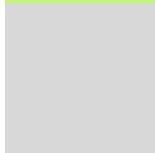


**Tritanomaly**  
13496264

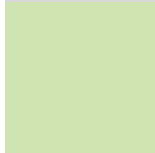
# Monochromacy



**Original Color**  
12712300



**Achromatopsia**  
14211288



**Achromatomaly**  
13690033

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12712300 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 #C1F96C looks like.

```
.text, #text, p{  
    color:#C1F96C  
}
```

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 #C1F96C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F96C
}
```

## Border

The CSS property to change the border of an element to Decimal 12712300 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
#C1F96C }
```

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

```
.border{ border-color:#C1F96C }
```

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

Here you see how a box with a 4 pixel #C1F96C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F96C; -webkit-box-shadow:4px 4px  
4px 4px #C1F96C; box-shadow:4px 4px 4px  
4px #C1F96C }
```

# Background

The CSS property to change the background color of an element to Decimal 12712300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F96C }
```

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

```
.background{ background-color:#C1F96C }
```

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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