

# Converting Colors

Decimal(12711012)

Have a look what the booklet for  
Decimal(12711012) contains.

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# **Color**

**Decimal(12711012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1F464
RGB	193, 244, 100
RGB Percent	76%, 96%, 39%
CMY	0.2431, 0.0431, 0.6078
CMYK	0.21, 0.00, 0.59, 0.04
HSL	81°, 87%, 67%
HSV	81°, 59%, 96%
XYZ	56.6433, 76.9589, 23.9257
YIQ	212.3350, 15.8280, -55.5960

# Conversions

## Conversions Part 2

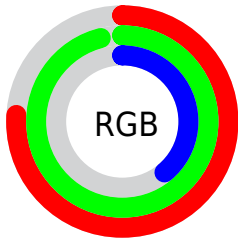
Format	Color
<a href="#">RYB</a>	<a href="#">100, 244, 151</a>
Decimal	<a href="#">12711012</a>
CIELab	<a href="#">90.30, -37.44, 62.59</a>
CIELCh	<a href="#">90, 72.933, 120.883</a>
Yxy	<a href="#">76.9589, 0.3596, 0.4885</a>
Android (android.graphics.Color)	<a href="#">4290901092 (0xFFC1F464)</a>
YUV	<a href="#">212.3350, -55.3812, -16.9568</a>
Hunter-Lab	<a href="#">87.7262, -38.2667, 45.2381</a>

# Details

The Decimal color **12711012** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9921780**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16580507**, and **8961067** is the 20% darker color. If you saturate the color by 10%, you get **12121164**, and if you desaturate by 10%, it is **13300860**.

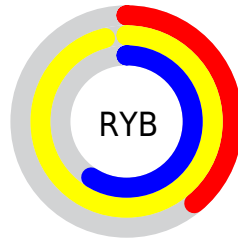
# Distribution



Red (76%)

Green (96%)

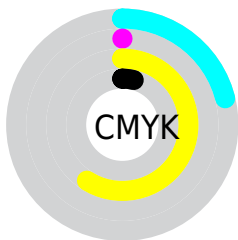
Blue (39%)



Red (39%)

Yellow (96%)

Blue (59%)

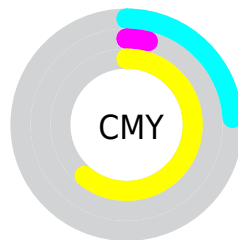


Cyan (21%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (24%)

Magenta (4%)
















Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12711012 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 12711012 by changing the saturation by 10% instead.



 12711012	 12711012
16777215	 10803016
 16580507	 8961067
 16777144	 7118848
 16777172	 5277184
 16777202	 3435520
	 1397760
	 15360
	 9984
	 512

 12711012

 12711012

 12121164

 13300860

 11596851

 13825173

 11007003

 14415021

 10417154

 15004870

 10417152

 15529182

 16119030

 16643327

 16774399

# Harmonies

## Analogous

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



16769102



12711012



6160284

# Triad

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



12711012



64767



16754148

# Complementary

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



12711012



9921780

# 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.



16758015



12711012



4713215

# Square

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



12711012



65535



15257855



16756128

# Rectangle

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



12711012



65483



15257855



16754684

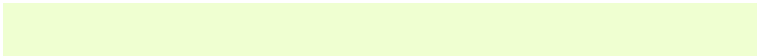


# Sweetspot

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



12711012



15728593



16029284



7766115



0



8421504



# Same Dimension

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



12711012



12582730



8057956



7764590



7911936



2505472



# Inverse Universe

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



9921780



9063167



14574836



7499386



4325562

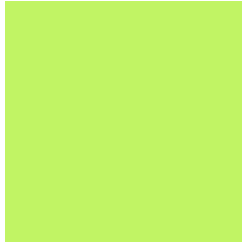


1376315



# Previews

## White Background



This preview shows how the Decimal color 12711012 looks on a white background.

## Color Contrast Check

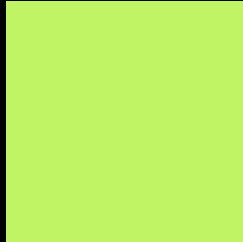
Large Text (above 18pt) WCAG AA × Fail

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 12711012 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 12711012 Background



This preview shows how black text looks on a background with the Decimal color 12711012.

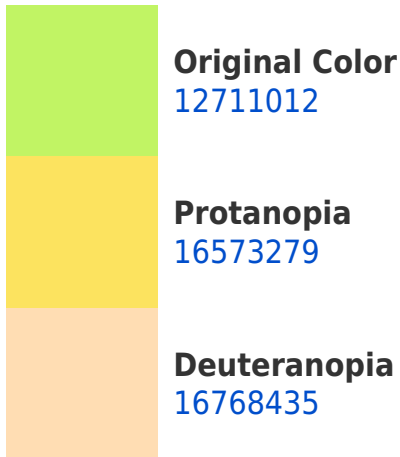


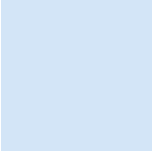
This preview shows how white text looks on a background with the Decimal color 12711012.

# 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



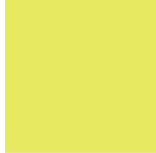


**Tritanopia**  
13886967

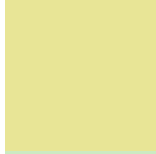
# Trichromacy



**Original Color**  
12711012



**Protanomaly**  
15198561



**Deuteranomaly**  
15263126

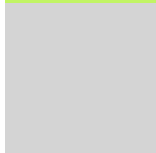


**Tritanomaly**  
13429442

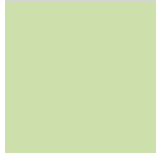
# Monochromacy



**Original Color**  
12711012



**Achromatopsia**  
13948116



**Achromatomaly**  
13492395

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12711012 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 #C1F464 looks like.

```
.text, #text, p{  
    color:#C1F464  
}
```

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 #C1F464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F464
}
```

## Border

The CSS property to change the border of an element to Decimal 12711012 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
#C1F464 }
```

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

```
.border{ border-color:#C1F464 }
```

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

Here you see how a box with a 4 pixel #C1F464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F464; -webkit-box-shadow:4px 4px  
4px 4px #C1F464; box-shadow:4px 4px 4px  
4px #C1F464 }
```

# Background

The CSS property to change the background color of an element to Decimal 12711012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F464 }
```

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

```
.background{ background-color:#C1F464 }
```

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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