

# Converting Colors

Decimal(12711680)

Have a look what the booklet for  
Decimal(12711680) contains.

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# **Color**

**Decimal(12711680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1F700
RGB	193, 247, 0
RGB Percent	76%, 97%, 0%
CMY	0.2431, 0.0314, 1.0000
CMYK	0.22, 0.00, 1.00, 0.03
HSL	73°, 100%, 48%
HSV	73°, 100%, 97%
XYZ	55.2531, 77.8590, 12.1161
YIQ	202.6960, 47.1030, -88.2650

# Conversions

## Conversions Part 2

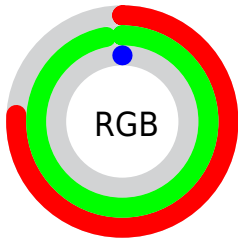
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 247, 54
Decimal	12711680
CIELab	90.72, -42.69, 87.79
CIELCh	91, 97.622, 115.929
Yxy	77.8590, 0.3805, 0.5361
Android (android.graphics.Color)	4290901760 (0xFFC1F700)
YUV	202.6960, -99.9291, -8.5034
Hunter-Lab	88.2377, -42.6422, 53.6252

# Details

The Decimal color **12711680** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **3539191**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **16711517**, and **8764928** is the 20% darker color. If you saturate the color by 10%, you get **12711680**, and if you desaturate by 10%, it is **13039385**.

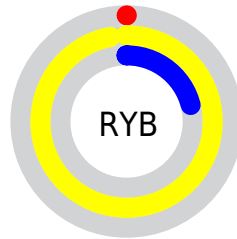
# Distribution



Red (76%)

Green (97%)

Blue (0%)



Red (0%)

Yellow (97%)

Blue (21%)

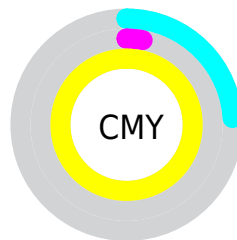


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (24%)

Magenta (3%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12711680 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 12711680 by changing the saturation by 10% instead.



 12711680	 12711680
 16777215	 10738176
 16711517	 8764928
 16777084	 6857472
 16777114	 4884736
 16777144	 2780928
 16777174	 22016
 16777204	 15872
	 10496
	 1280

 12711680

 13039385

 13432625

 13760330

 14153571

 14481276

 14808980

 15202221

 15529926

 15923166

# Harmonies

## Analogous

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



16768000



12711680



65396

# Triad

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



12711680



65535



16745205

# Complementary

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



12711680



3539191

# 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.



16753919



12711680



62719

# Square

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



12711680



65535



13095423



16747929

# Rectangle

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



12711680



65460



13095423



16747263

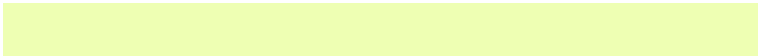


# Sweetspot

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



12711680



15663027



16201216



7700562



0



8421504



# Same Dimension

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



12711680



13106944



4650752



7895662



9550336



3029760



# Inverse Universe

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



3539191



3670271



11600119



7433850



2687162

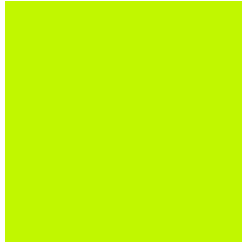


852027



# Previews

## White Background



This preview shows how the Decimal color 12711680 looks on a white background.

## Color Contrast Check

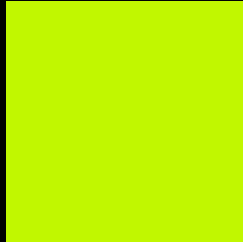
Large Text (above 18pt) WCAG AA × Fail

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 12711680 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 12711680 Background



This preview shows how black text looks on a background with the Decimal color 12711680.

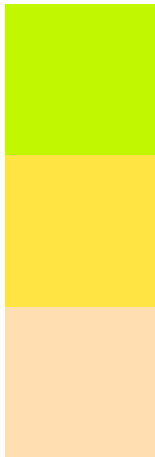


This preview shows how white text looks on a background with the Decimal color 12711680.

# 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](#).

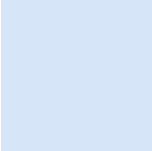
## Dichromacy



**Original Color**  
12711680

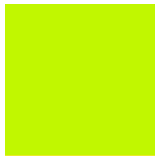
**Protanopia**  
16770115

**Deuteranopia**  
16768946



**Tritanopia**  
14083832

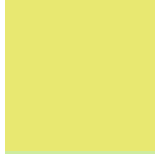
# Trichromacy



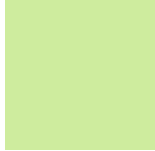
**Original Color**  
12711680



**Protanomaly**  
15264555



**Deuteranomaly**  
15263857

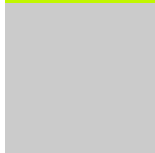


**Tritanomaly**  
13560990

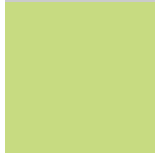
# Monochromacy



**Original Color**  
12711680



**Achromatopsia**  
13355979



**Achromatomaly**  
13097857

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12711680 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 #C1F700 looks like.

```
.text, #text, p{  
  color:#C1F700  
}
```

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 #C1F700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F700
}
```

## Border

The CSS property to change the border of an element to Decimal 12711680 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
#C1F700 }
```

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

```
.border{ border-color:#C1F700 }
```

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

Here you see how a box with a 4 pixel #C1F700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F700; -webkit-box-shadow:4px 4px  
4px 4px #C1F700; box-shadow:4px 4px 4px  
4px #C1F700 }
```

# Background

The CSS property to change the background color of an element to Decimal 12711680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F700 }
```

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

```
.background{ background-color:#C1F700 }
```

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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