

Converting Colors

Decimal(12384000)

Have a look what the booklet for
Decimal(12384000) contains.

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Color

Decimal(12384000)

Conversions

Conversions Part 1

Format	Color
Hex	BCF700
RGB	188, 247, 0
RGB Percent	74%, 97%, 0%
CMY	0.2627, 0.0314, 1.0000
CMYK	0.24, 0.00, 1.00, 0.03
HSL	74°, 100%, 48%
HSV	74°, 100%, 97%
XYZ	53.9998, 77.2129, 12.0575
YIQ	201.2010, 44.1230, -89.3250

Conversions

Conversions Part 2

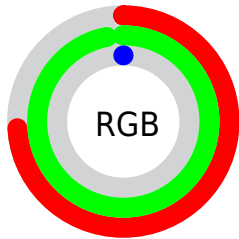
Format	Color
RYB	0, 247, 59
Decimal	12384000
CIELab	90.42, -44.59, 87.44
CIELCh	90, 98.153, 117.019
Yxy	77.2129, 0.3769, 0.5389
Android (android.graphics.Color)	4290574080 (0xFFBCF700)
YUV	201.2010, -99.1921, -11.5773
Hunter-Lab	87.8709, -44.0794, 53.3739

Details

The Decimal color **12384000** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **3866871**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16383837**, and **8437248** is the 20% darker color. If you saturate the color by 10%, you get **12384000**, and if you desaturate by 10%, it is **12777241**.

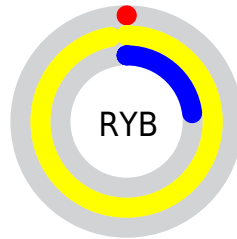
Distribution



Red (74%)

Green (97%)

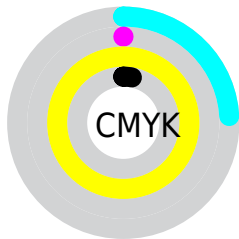
Blue (0%)



Red (0%)

Yellow (97%)

Blue (23%)

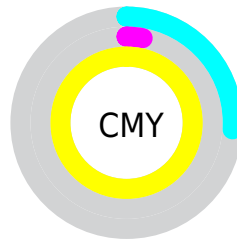


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (3%)



Cyan (26%)



















Magenta (3%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12384000 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 12384000 by changing the saturation by 10% instead.

 12384000	 12384000
 16777215	 10410496
 16383837	 8437248
 16777084	 6529792
 16777114	 4556800
 16777143	 2256640
 16777173	 22016
 16777204	 15872
	 10496
	 768

 12384000

 12777241

 13170481

 13563722

 13956963

 14350204

 14677908

 15071149

 15464390

 15857630

Harmonies

Analogous

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



16768000



12384000



65398

Triad

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



12384000



65535



16744689

Complementary

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



12384000



3866871

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.



16753151



12384000



62207

Square

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



12384000



65535



13422591



16747668

Rectangle

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



12384000



65462



13422591



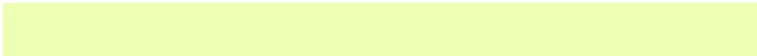
16746495

Sweetspot

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



12384000



15597491



16202240



7700562



0



8421504

Same Dimension

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



12384000



12779264



4388608



7830126



9353728



2964224

Inverse Universe

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



3866871



3997951



11862263



7433850



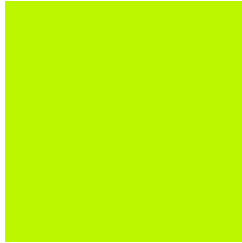
2883770



917563

Previews

White Background



This preview shows how the Decimal color 12384000 looks on a white background.

Color Contrast Check

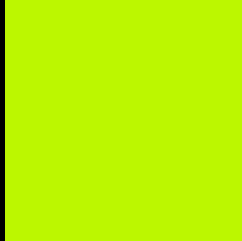
Large Text (above 18pt) WCAG AA × Fail

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 12384000 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 12384000 Background



This preview shows how black text looks on a background with the Decimal color 12384000.

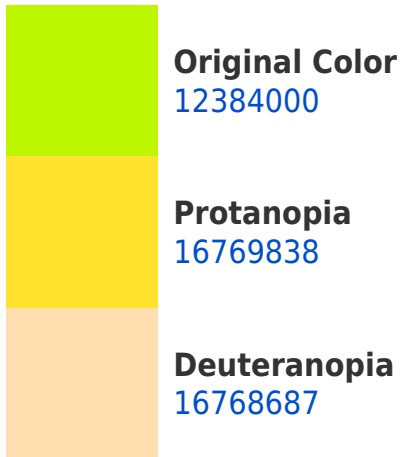


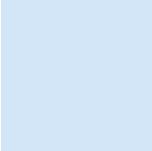
This preview shows how white text looks on a background with the Decimal color 12384000.

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](#).

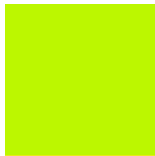
Dichromacy





Tritanopia
13821688

Trichromacy



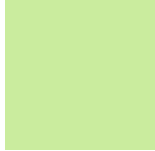
Original Color
12384000



Protanomaly
15198749



Deuteranomaly
15198063

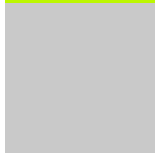


Tritanomaly
13298846

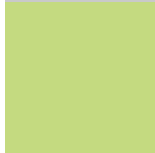
Monochromacy



Original Color
12384000



Achromatopsia
13224393



Achromatomaly
12900992

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12384000 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 #BCF700 looks like.

```
.text, #text, p{  
    color:#BCF700  
}
```

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 #BCF700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCF700
}
```

Border

The CSS property to change the border of an element to Decimal 12384000 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
#BCF700 }
```

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

```
.border{ border-color:#BCF700 }
```

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

Here you see how a box with a 4 pixel #BCF700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCF700; -webkit-box-shadow:4px 4px  
4px 4px #BCF700; box-shadow:4px 4px 4px  
4px #BCF700 }
```

Background

The CSS property to change the background color of an element to Decimal 12384000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCF700 }
```

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

```
.background{ background-color:#BCF700 }
```

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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