

# Converting Colors

Decimal(12381713)

Have a look what the booklet for  
Decimal(12381713) contains.

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# **Color**

**Decimal(12381713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BCEE11</a>
RGB	<a href="#">188, 238, 17</a>
RGB Percent	<a href="#">74%, 93%, 7%</a>
CMY	<a href="#">0.2627, 0.0667, 0.9333</a>
CMYK	<a href="#">0.21, 0.00, 0.93, 0.07</a>
HSL	<a href="#">74°, 87%, 50%</a>
HSV	<a href="#">74°, 93%, 93%</a>
XYZ	<a href="#">51.4148, 71.8809, 11.6949</a>
YIQ	<a href="#">197.8560, 41.1410, -79.3310</a>

# Conversions

## Conversions Part 2

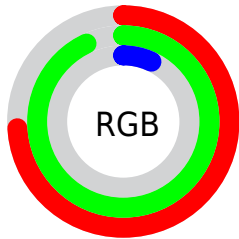
Format	Color
<a href="#">RYB</a>	<a href="#">17, 238, 67</a>
Decimal	<a href="#">12381713</a>
CIELab	<a href="#">87.91, -40.49, 84.09</a>
CIELCh	<a href="#">88, 93.330, 115.714</a>
Yxy	<a href="#">71.8809, 0.3809, 0.5325</a>
Android (android.graphics.Color)	<a href="#">4290571793 (0xFFBCEE11)</a>
YUV	<a href="#">197.8560, -89.1620, -8.6437</a>
Hunter-Lab	<a href="#">84.7826, -40.1217, 51.1694</a>

# Details

The Decimal color **12381713** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4395502**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16318303**, and **8500736** is the 20% darker color. If you saturate the color by 10%, you get **12119552**, and if you desaturate by 10%, it is **12709417**.

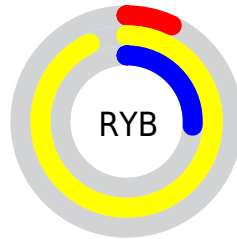
# Distribution



Red (74%)

Green (93%)

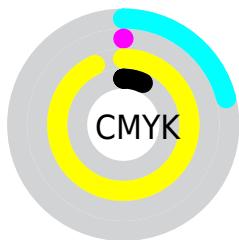
Blue (7%)



Red (7%)

Yellow (93%)

Blue (26%)

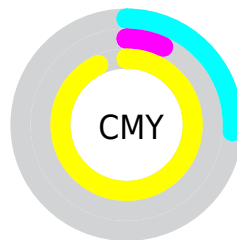


Cyan (21%)

Magenta (0%)

Yellow (93%)

Black (7%)



Cyan (26%)

Magenta (7%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12381713 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 12381713 by changing the saturation by 10% instead.



 12381713	 12381713
 16777215	 10408448
 16318303	 8500736
 16777085	 6593280
 16777115	 4686080
 16777145	 2516736
 16777174	 20224
 16777204	 14080
	 8960
	 0

■ 12381713

■ 12381713

■ 12119552

■ 12709417

■ 13102657

■ 13430360

■ 13823600

■ 14151304

■ 14479008

■ 14872248

■ 15199951

■ 15527655

# Harmonies

## Analogous

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



16765952



12381713



2096498

# Triad

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



12381713



65279



16744941

# Complementary

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



12381713



4395502

# 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.



16752895



12381713



60415

# Square

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



12381713



65535



12634879



16747157

# Rectangle

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



12381713



65453



12634879



16746751

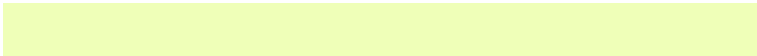


# Sweetspot

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



12381713



15728568



15614225



7766100



0



8421504



# Same Dimension

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



12381713



12975872



5303825



7698540



9353216



2832384



# Inverse Universe

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



4395502



3801343



11473390



7302264



2752696

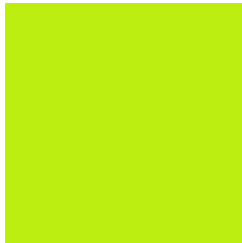


852024



# Previews

## White Background



This preview shows how the Decimal color 12381713 looks on a white background.

## Color Contrast Check

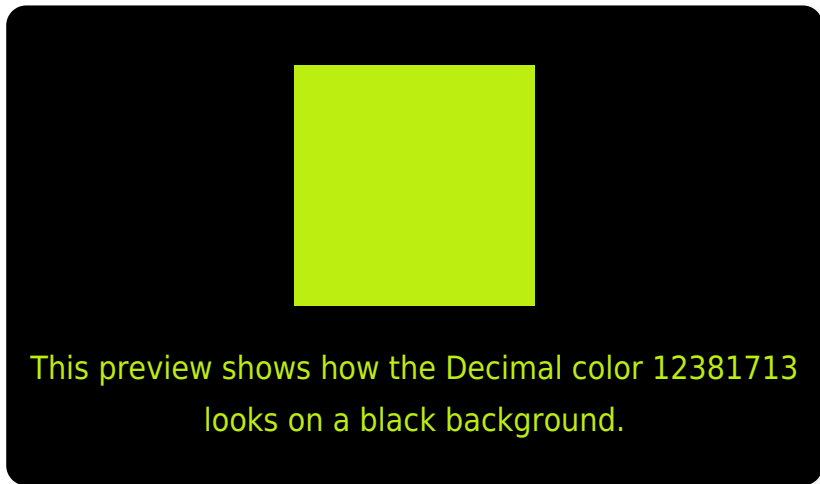
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 12381713 Background



This preview shows how black text looks on a background with the Decimal color 12381713.

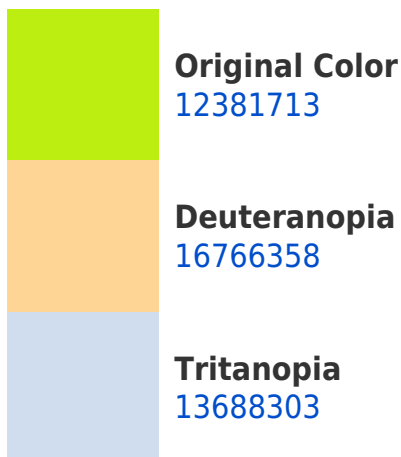


This preview shows how white text looks on a background with the Decimal color 12381713.

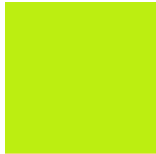
# Color Blindness Simulation

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](#).

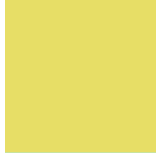
## Dichromacy



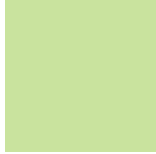
# Trichromacy



**Original Color**  
12381713



**Deuteranomaly**  
15195750

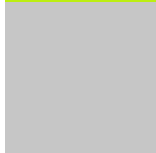


**Tritanomaly**  
13231006

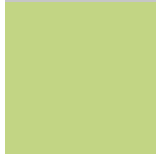
# Monochromacy



**Original Color**  
12381713



**Achromatopsia**  
13027014



**Achromatomaly**  
12768644

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12381713 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 #BCEE11 looks like.

```
.text, #text, p{  
    color:#BCEE11  
}
```

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 #BCEE11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCEE11
}
```

## Border

The CSS property to change the border of an element to Decimal 12381713 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
#BCEE11 }
```

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

```
.border{ border-color:#BCEE11 }
```

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

Here you see how a box with a 4 pixel #BCEE11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCEE11; -webkit-box-shadow:4px 4px  
4px 4px #BCEE11; box-shadow:4px 4px 4px  
4px #BCEE11 }
```

# Background

The CSS property to change the background color of an element to Decimal 12381713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCEE11 }
```

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

```
.background{ background-color:#BCEE11 }
```

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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