

# Converting Colors

Decimal(12379922)

Have a look what the booklet for  
Decimal(12379922) contains.

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# **Color**

**Decimal(12379922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE712
RGB	188, 231, 18
RGB Percent	74%, 91%, 7%
CMY	0.2627, 0.0941, 0.9294
CMYK	0.19, 0.00, 0.92, 0.09
HSL	72°, 86%, 49%
HSV	72°, 92%, 91%
XYZ	49.4241, 67.8869, 11.0708
YIQ	193.8610, 42.7450, -75.3590

# Conversions

## Conversions Part 2

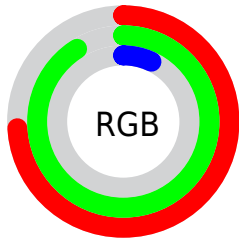
Format	Color
<a href="#">RYB</a>	<a href="#">18, 231, 61</a>
Decimal	<a href="#">12379922</a>
CIELab	<a href="#">85.95, -37.37, 82.43</a>
CIELCh	<a href="#">86, 90.502, 114.386</a>
Yxy	<a href="#">67.8869, 0.3850, 0.5288</a>
Android (android.graphics.Color)	<a href="#">4290570002 (0xFFBCE712)</a>
YUV	<a href="#">193.8610, -86.6995, -5.1401</a>
Hunter-Lab	<a href="#">82.3935, -37.1145, 49.7089</a>

# Details

The Decimal color **12379922** 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 **4002535**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16318302**, and **8498944** is the 20% darker color. If you saturate the color by 10%, you get **12117760**, and if you desaturate by 10%, it is **12707625**.

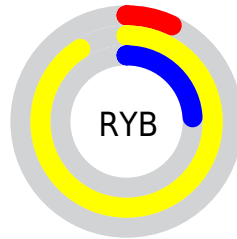
# Distribution



Red (74%)

Green (91%)

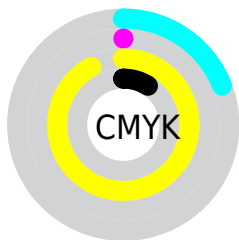
Blue (7%)



Red (7%)

Yellow (91%)

Blue (24%)

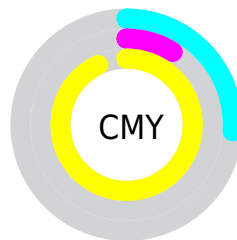


Cyan (19%)

Magenta (0%)

Yellow (92%)

Black (9%)



Cyan (26%)

Magenta (9%)



















Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12379922 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 12379922 by changing the saturation by 10% instead.



 12379922	 12379922
 16777215	 10406656
 16318302	 8498944
 16777084	 6591744
 16777114	 4750080
 16777143	 2711808
 16777173	 18688
 16777203	 12800
	 7424
	 0

■ 12379922

■ 12379922

■ 12117760

■ 12707625

■ 12969792

■ 13297495

■ 13625198

■ 13887366

■ 14215069

■ 14542772

■ 14804939

■ 15132642

# Harmonies

## Analogous

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



16764160



12379922



3602028

# Triad

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



12379922



63743



16744683

# Complementary

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



12379922



4002535

# 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.



16752639



12379922



59135

# Square

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



12379922



65279



11913215



16746390

# Rectangle

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



12379922



64678



11913215



16746495

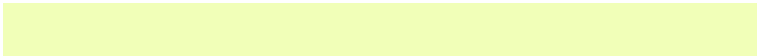


# Sweetspot

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



12379922



15859640



15154450



7831636



0



8421504



# Same Dimension

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



12379922



13434624



5433106



7369575



9351936



2700032



# Inverse Universe

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



4002535



3342591



10949351



6973299



2359475



655411



# Previews

## White Background



This preview shows how the Decimal color 12379922 looks on a white background.

## Color Contrast Check

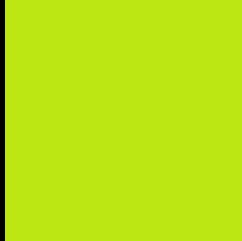
Large Text (above 18pt) WCAG AA × Fail

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 12379922 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 12379922 Background



This preview shows how black text looks on a background with the Decimal color 12379922.



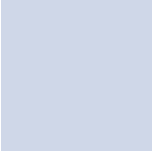
This preview shows how white text looks on a background with the Decimal color 12379922.

# 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](#).

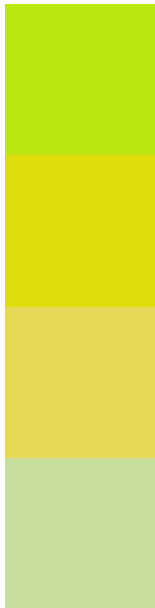
## Dichromacy





**Tritanopia**  
13621224

# Trichromacy



**Original Color**  
12379922

**Protanomaly**  
14605578

**Deuteranomaly**  
15194199

**Tritanomaly**  
13163930

# Monochromacy



**Original Color**  
12379922

**Achromatopsia**  
12763842

**Achromatomaly**  
12636034

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12379922 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 #BCE712 looks like.

```
.text, #text, p{  
    color:#BCE712  
}
```

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 #BCE712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE712
}
```

## Border

The CSS property to change the border of an element to Decimal 12379922 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
#BCE712 }
```

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

```
.border{ border-color:#BCE712 }
```

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

Here you see how a box with a 4 pixel #BCE712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE712; -webkit-box-shadow:4px 4px  
4px 4px #BCE712; box-shadow:4px 4px 4px  
4px #BCE712 }
```

# Background

The CSS property to change the background color of an element to Decimal 12379922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE712 }
```

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

```
.background{ background-color:#BCE712 }
```

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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