

# Converting Colors

Decimal(11853336)

Have a look what the booklet for  
Decimal(11853336) contains.

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**Color**

**Decimal(11853336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DE18
RGB	180, 222, 24
RGB Percent	71%, 87%, 9%
CMY	0.2941, 0.1294, 0.9059
CMYK	0.19, 0.00, 0.89, 0.13
HSL	73°, 80%, 48%
HSV	73°, 89%, 87%
XYZ	45.1085, 62.0118, 10.4562
YIQ	186.8700, 38.5260, -70.4820

# Conversions

## Conversions Part 2

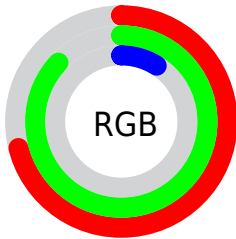
Format	Color
R <sub>Y</sub> B	24, 222, 66
Decimal	11853336
CIE Lab	82.92, -36.37, 78.96
CIE LCh	83, 86.936, 114.729
Yxy	62.0118, 0.3837, 0.5274
Android (android.graphics.Color)	4290043416 (0xFFB4DE18)
YUV	186.8700, -80.2949, -6.0250
Hunter-Lab	78.7476, -35.5591, 47.2507

# Details

The Decimal color **11853336** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4331742**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **15794015**, and **8038144** is the 20% darker color. If you saturate the color by 10%, you get **11525634**, and if you desaturate by 10%, it is **12181038**.

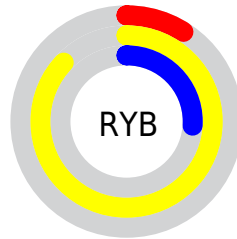
# Distribution



Red (71%)

Green (87%)

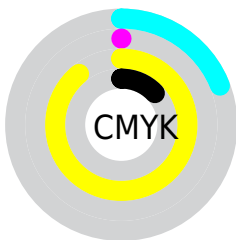
Blue (9%)



Red (9%)

Yellow (87%)

Blue (26%)

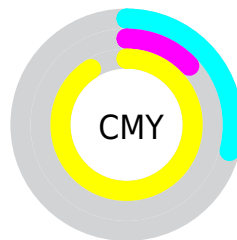


Cyan (19%)

Magenta (0%)

Yellow (89%)

Black (13%)



Cyan (29%)

Magenta (13%)



















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11853336 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 11853336 by changing the saturation by 10% instead.



 11853336	 11853336
 16777215	 9945600
 15794015	 8038144
 16777084	 6130688
 16777113	 4289280
 16777143	 2251264
 16777172	 16896
 16777202	 11008
	 4608
	 0

■ 11853336

■ 11853336

■ 11525634

■ 12181038

■ 11525632

■ 12443204

■ 12770907

■ 13098609

■ 13426311

■ 13688477

■ 14016179

■ 14343882

■ 14606048

# Harmonies

## Analogous

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



16762368



11853336



3468394

# Triad

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



11853336



60927



16743649

# Complementary

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



11853336



4331742

# 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.



16751103



11853336



56831

# Square

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



11853336



62719



11583487



16745359

# Rectangle

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



11853336



62112



11583487



16745468

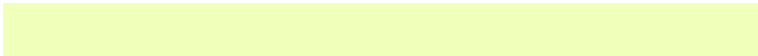


# Sweetspot

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



11853336



15794106



14565400



7831639



0



8421504



# Same Dimension

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



11853336



13238016



5496344



7237733



9154560



2502656



# Inverse Universe

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



4331742



3539199



10688734



6776176



2425008



655408



# Previews

## White Background



This preview shows how the Decimal color 11853336 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 11853336 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 11853336 Background



This preview shows how black text looks on a background with the Decimal color 11853336.

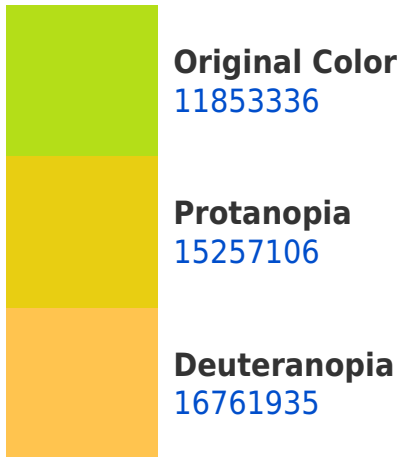


This preview shows how white text looks on a background with the Decimal color 11853336.

# 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](#).

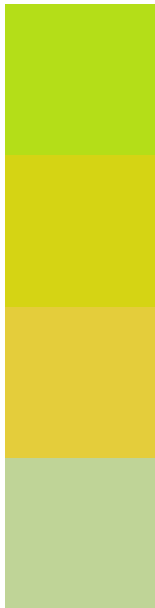
## Dichromacy





**Tritanopia**  
13029087

# Trichromacy



**Original Color**  
11853336

**Protanomaly**  
14013460

**Deuteranomaly**  
14994747

**Tritanomaly**  
12571799

# Monochromacy



**Original Color**  
11853336

**Achromatopsia**  
12303291

**Achromatomaly**  
12109952

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11853336 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 #B4DE18 looks like.

```
.text, #text, p{  
    color:#B4DE18  
}
```

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 #B4DE18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4DE18
}
```

## Border

The CSS property to change the border of an element to Decimal 11853336 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
#B4DE18 }
```

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

```
.border{ border-color:#B4DE18 }
```

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

Here you see how a box with a 4 pixel #B4DE18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4DE18; -webkit-box-shadow:4px 4px  
4px 4px #B4DE18; box-shadow:4px 4px 4px  
4px #B4DE18 }
```

# Background

The CSS property to change the background color of an element to Decimal 11853336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4DE18 }
```

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

```
.background{ background-color:#B4DE18 }
```

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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