

Converting Colors

Decimal(11857476)

Have a look what the booklet for
Decimal(11857476) contains.

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Color

Decimal(11857476)

Conversions

Conversions Part 1

Format	Color
Hex	B4EE44
RGB	180, 238, 68
RGB Percent	71%, 93%, 27%
CMY	0.2941, 0.0667, 0.7333
CMYK	0.24, 0.00, 0.71, 0.07
HSL	80°, 83%, 60%
HSV	80°, 71%, 93%
XYZ	50.4403, 71.2697, 16.5668
YIQ	201.2780, 20.0020, -65.1660

Conversions

Conversions Part 2

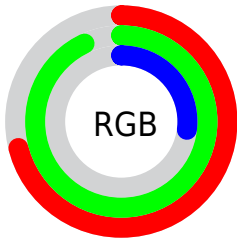
Format	Color
RYB	68, 238, 126
Decimal	11857476
CIELab	87.62, -41.81, 71.88
CIElCh	88, 83.153, 120.187
Yxy	71.2697, 0.3648, 0.5154
Android (android.graphics.Color)	4290047556 (0xFFB4EE44)
YUV	201.2780, -65.7061, -18.6608
Hunter-Lab	84.4214, -41.0868, 47.4600

Details

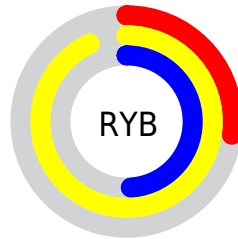
The Decimal color **11857476** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8275182**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **15728510**, and **8041984** is the 20% darker color. If you saturate the color by 10%, you get **11333164**, and if you desaturate by 10%, it is **12381788**.

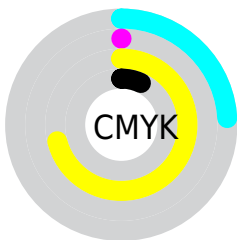
Distribution



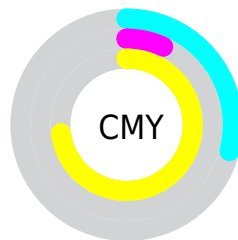
- Red (71%)
- Green (93%)
- Blue (27%)



- Red (27%)
- Yellow (93%)
- Blue (49%)



- Cyan (24%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)

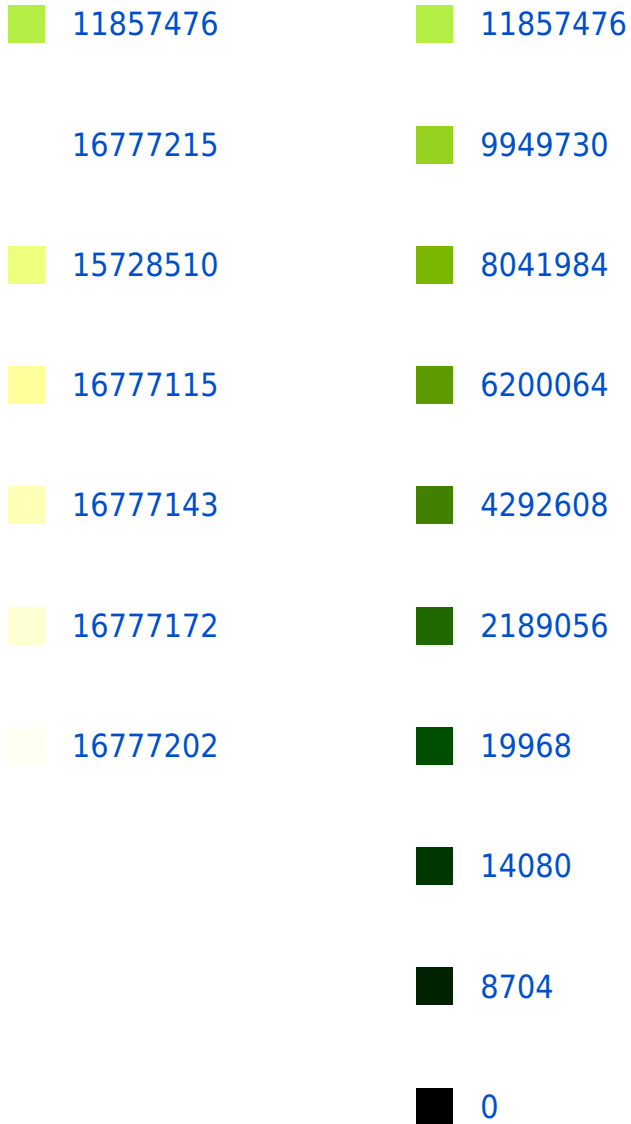


- Cyan (29%)
- Magenta (7%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11857476 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 11857476 by changing the saturation by 10% instead.



■ 11857476

■ 11857476

■ 11333164

■ 12381788

■ 10808852

■ 12906100

■ 10350080

■ 13430411

■ 13954723

■ 14544571

■ 15068883

■ 15593195

■ 16117503

■ 16641791

Harmonies

Analogous

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



16767012



11857476



2816905

Triad

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



11857476



63743



16748510

Complementary

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



11857476



8275182

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.



16753663



11857476



58879

Square

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



11857476



65535



14403327



16751249

Rectangle

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



11857476



65470



14403327



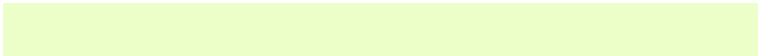
16749305

Sweetspot

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



11857476



15597513



15629636



7700576



0



8421504

Same Dimension

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



11857476



11861796



6352452



7633004



7976960



2439168

Inverse Universe

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



8275182



7283967



13780206



7367800



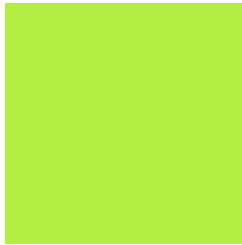
4128952



1245240

Previews

White Background



This preview shows how the Decimal color 11857476 looks on a white background.

Color Contrast Check

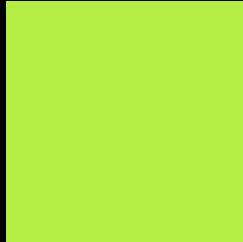
Large Text (above 18pt) WCAG AA × Fail

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 11857476 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 11857476 Background



This preview shows how black text looks on a background with the Decimal color 11857476.

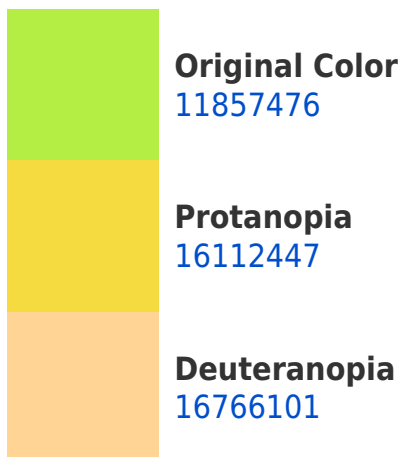


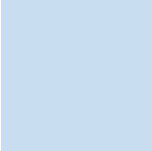
This preview shows how white text looks on a background with the Decimal color 11857476.

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](#).

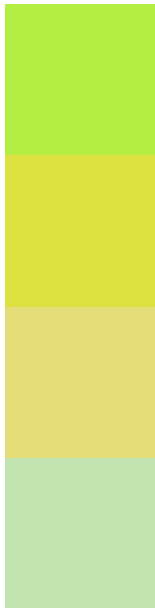
Dichromacy





Tritanopia
13164272

Trichromacy



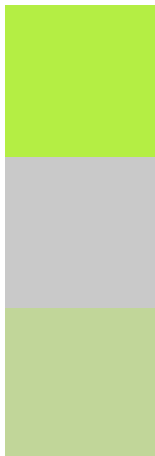
Original Color
11857476

Protanomaly
14541377

Deuteranomaly
14998904

Tritanomaly
12706993

Monochromacy



Original Color
11857476

Achromatopsia
13224393

Achromatomaly
12703385

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11857476 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 #B4EE44 looks like.

```
.text, #text, p{  
    color:#B4EE44  
}
```

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 #B4EE44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4EE44
}
```

Border

The CSS property to change the border of an element to Decimal 11857476 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
#B4EE44 }
```

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

```
.border{ border-color:#B4EE44 }
```

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

Here you see how a box with a 4 pixel #B4EE44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4EE44; -webkit-box-shadow:4px 4px  
4px 4px #B4EE44; box-shadow:4px 4px 4px  
4px #B4EE44 }
```

Background

The CSS property to change the background color of an element to Decimal 11857476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4EE44 }
```

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

```
.background{ background-color:#B4EE44 }
```

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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