

# Converting Colors

Decimal(12185258)

Have a look what the booklet for  
Decimal(12185258) contains.

|  |    |
|--|----|
| <b>Decimal(12185258)</b> .....                 | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Decimal(12185258)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B9EEAA                      |
| RGB         | 185, 238, 170               |
| RGB Percent | 73%, 93%, 67%               |
| CMY         | 0.2745, 0.0667, 0.3333      |
| CMYK        | 0.22, 0.00, 0.29, 0.07      |
| HSL         | 107°, 67%, 80%              |
| HSV         | 107°, 29%, 93%              |
| XYZ         | 57.8378, 74.3656, 49.3358   |
| YIQ         | 214.4010, -9.7600, -32.3840 |

# Conversions

## Conversions Part 2

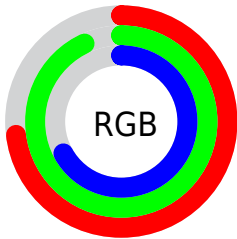
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 170, 238, 223                   |
| Decimal                             | 12185258                        |
| CIELab                              | 89.10, -29.29, 27.58            |
| CIELCh                              | 89, 40.237, 136.721             |
| Yxy                                 | 74.3656, 0.3186,<br>0.4096      |
| Android<br>(android.graphics.Color) | 4290375338<br>(0xFFB9EEAA)      |
| YUV                                 | 214.4010, -21.8897,<br>-25.7847 |
| Hunter-Lab                          | 86.2355, -31.1929,<br>26.4447   |

# Details

The Decimal color **12185258** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14658286**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **15925218**, and **8631925** is the 20% darker color. If you saturate the color by 10%, you get **10940050**, and if you desaturate by 10%, it is **13430466**.

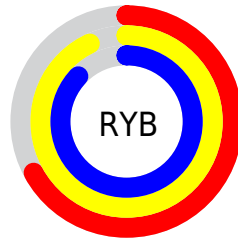
# Distribution



Red (73%)

Green (93%)

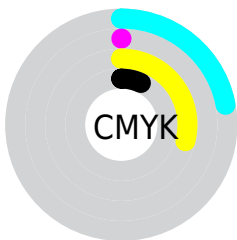
Blue (67%)



Red (67%)

Yellow (93%)

Blue (87%)

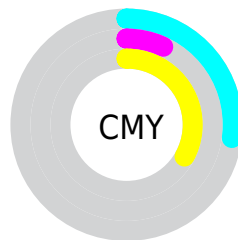


Cyan (22%)

Magenta (0%)

Yellow (29%)

Black (7%)



Cyan (27%)

Magenta (7%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12185258 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 12185258 by changing the saturation by 10% instead.





 12185258

 12185258

 10940050

 13430466

 9760378

 14610138

 8515171

 15855345

 7335499

 16772863

 6090291

 4910619

 3665411

 3534336

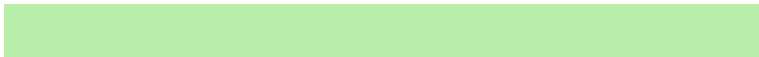
# Harmonies

## Analogous

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



15000725



12185258



9172173

# Triad

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



12185258



9562623



16761804

# Complementary

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



12185258



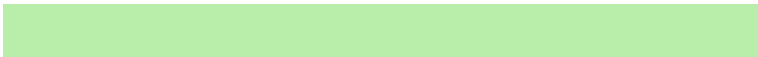
14658286

# 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.



16762355



12185258



13491455

# Square

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



12185258



6484479



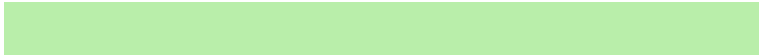
16764671



16763818

# Rectangle

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



12185258



7271911



16764671

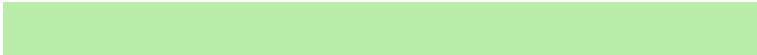


16761816

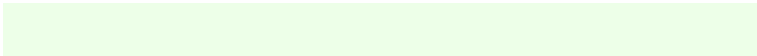


# Sweetspot

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



12185258



15597544



15654570



7700593



0

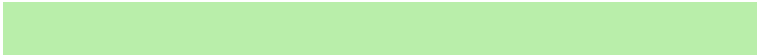


8421504

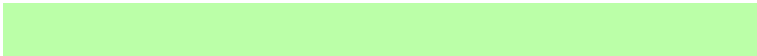


# Same Dimension

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



12185258



12320680



11202236



7305324



2734080



800768



# Inverse Universe

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



14658286



15509759



15641308



7695480



9371832

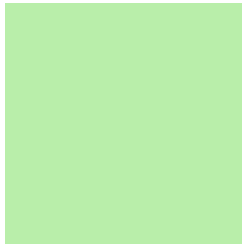


2883640



# Previews

## White Background



This preview shows how the Decimal color 12185258 looks on a white background.

## Color Contrast Check

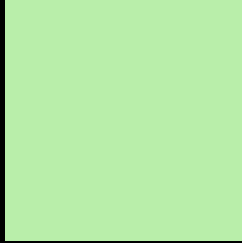
Large Text (above 18pt) WCAG AA × Fail

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 12185258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

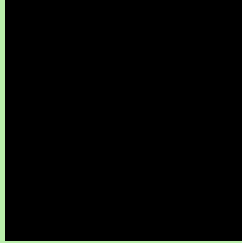
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12185258 Background



This preview shows how black text looks on a background with the Decimal color 12185258.

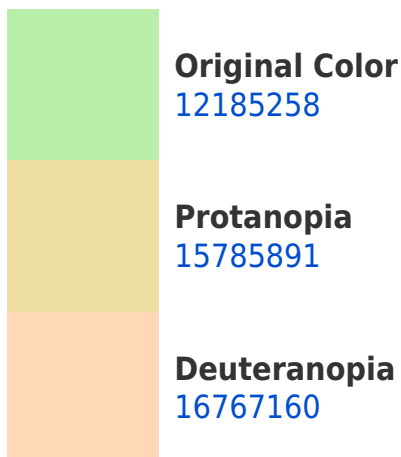


This preview shows how white text looks on a background with the Decimal color 12185258.

# 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**  
13034742

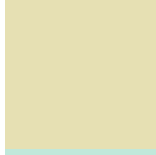
# Trichromacy



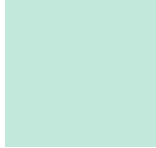
**Original Color**  
12185258



**Protanomaly**  
14476454



**Deuteranomaly**  
15130803

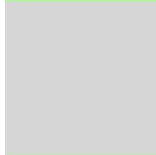


**Tritanomaly**  
12708058

# Monochromacy



**Original Color**  
12185258



**Achromatopsia**  
14079702



**Achromatomaly**  
13361094

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12185258 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 #B9EEAA looks like.

```
.text, #text, p{  
    color:#B9EEAA  
}
```

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 #B9EEAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9EEAA
}
```

## Border

The CSS property to change the border of an element to Decimal 12185258 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
#B9EEAA }
```

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

```
.border{ border-color:#B9EEAA }
```

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

Here you see how a box with a 4 pixel #B9EEAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9EEAA; -webkit-box-shadow:4px 4px  
4px 4px #B9EEAA; box-shadow:4px 4px 4px  
4px #B9EEAA }
```

# Background

The CSS property to change the background color of an element to Decimal 12185258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9EEAA }
```

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

```
.background{ background-color:#B9EEAA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor