

# Converting Colors

Decimal(12251786)

Have a look what the booklet for  
Decimal(12251786) contains.

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# **Color**

**Decimal(12251786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAF28A
RGB	186, 242, 138
RGB Percent	73%, 95%, 54%
CMY	0.2706, 0.0510, 0.4588
CMYK	0.23, 0.00, 0.43, 0.05
HSL	92°, 80%, 75%
HSV	92°, 43%, 95%
XYZ	56.5893, 75.7783, 35.6889
YIQ	213.4000, 0.0080, -44.2160

# Conversions

## Conversions Part 2

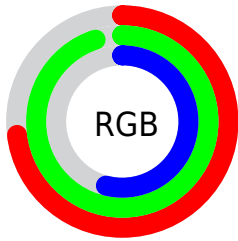
Format	Color
<a href="#">RYB</a>	<a href="#">138, 242, 194</a>
Decimal	<a href="#">12251786</a>
CIELab	<a href="#">89.76, -35.21, 44.44</a>
CIELCh	<a href="#">90, 56.702, 128.393</a>
Yxy	<a href="#">75.7783, 0.3367, 0.4509</a>
Android (android.graphics.Color)	<a href="#">4290441866 (0xFFBAF28A)</a>
YUV	<a href="#">213.4000, -37.1722, -24.0298</a>
Hunter-Lab	<a href="#">87.0508, -36.3009, 36.6280</a>

# Details

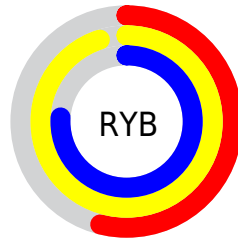
The Decimal color **12251786** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **12749554**, and the grayscale version is **14079702**.

A 20% lighter version of the original color is **16056257**, and **8632918** is the 20% darker color. If you saturate the color by 10%, you get **11399794**, and if you desaturate by 10%, it is **13103778**.

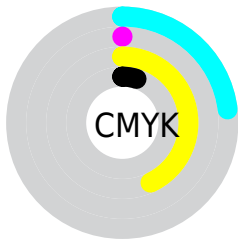
# Distribution



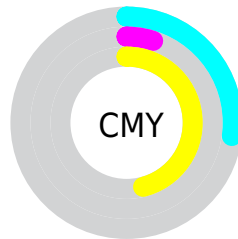
- Red (73%)
- Green (95%)
- Blue (54%)



- Red (54%)
- Yellow (95%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (43%)
- Black (5%)



- Cyan (27%)
- Magenta (5%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12251786 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 12251786 by changing the saturation by 10% instead.



12251786

12251786

16777215

10409328

16056257

8632918

16777181

6856252

16777210

5080099

3369475

1462784

14848

9472

0

 12251786

 12251786

 11399794

 13103778

 10547802

 13955770

 9695809

 14807763

 8843817

 15659755

 7991825

 16511743

 7401984

 16773887

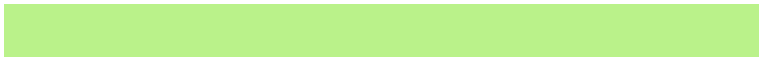
# Harmonies

## Analogous

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



16049267



12251786



7470008

# Triad

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



12251786



62207



16758228

# Complementary

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



12251786



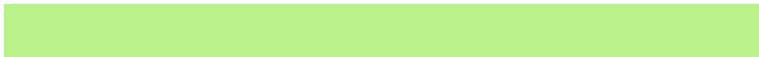
12749554

# Split Complementary

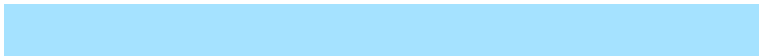
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16759807



12251786



10871551

# Square

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



12251786



64511



16502527



16760481

# Rectangle

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



12251786



392669



16502527



16758247

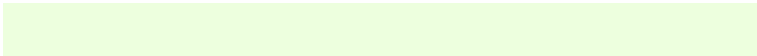


# Sweetspot

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



12251786



15597534



15909258



7700587



0



8421504

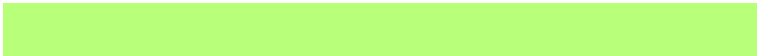


# Same Dimension

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



12251786



12124026



9106061



7436396



5617664



1718272



# Inverse Universe

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



12749554



12745471



15895279



7498872



6488248

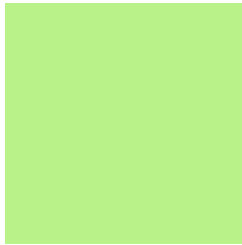


1966136



# Previews

## White Background



This preview shows how the Decimal color 12251786 looks on a white background.

## Color Contrast Check

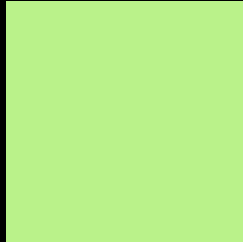
Large Text (above 18pt) WCAG AA × Fail

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 12251786 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 12251786 Background



This preview shows how black text looks on a background with the Decimal color 12251786.

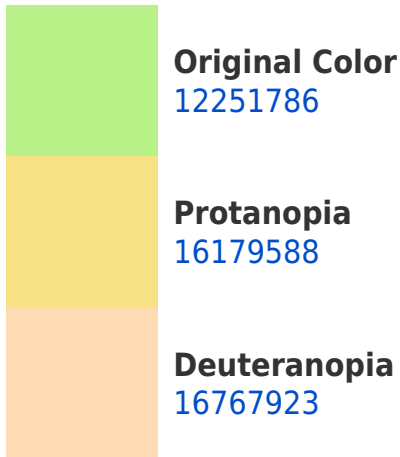


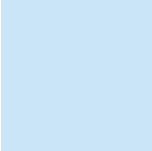
This preview shows how white text looks on a background with the Decimal color 12251786.

# 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



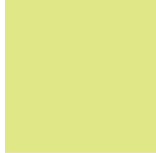


**Tritanopia**  
13297144

# Trichromacy



**Original Color**  
12251786



**Protanomaly**  
14739334



**Deuteranomaly**  
15131556

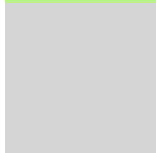


**Tritanomaly**  
12905168

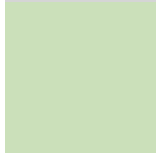
# Monochromacy



**Original Color**  
12251786



**Achromatopsia**  
14013909



**Achromatomaly**  
13361338

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12251786 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 #BAF28A looks like.

```
.text, #text, p{  
    color:#BAF28A  
}
```

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 #BAF28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAF28A
}
```

## Border

The CSS property to change the border of an element to Decimal 12251786 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
#BAF28A }
```

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

```
.border{ border-color:#BAF28A }
```

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

Here you see how a box with a 4 pixel #BAF28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAF28A; -webkit-box-shadow:4px 4px  
4px 4px #BAF28A; box-shadow:4px 4px 4px  
4px #BAF28A }
```

# Background

The CSS property to change the background color of an element to Decimal 12251786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAF28A }
```

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

```
.background{ background-color:#BAF28A }
```

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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