

# Converting Colors

Decimal(12247989)

Have a look what the booklet for  
Decimal(12247989) contains.

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# **Color**

**Decimal(12247989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAE3B5
RGB	186, 227, 181
RGB Percent	73%, 89%, 71%
CMY	0.2706, 0.1098, 0.2902
CMYK	0.18, 0.00, 0.20, 0.11
HSL	113°, 45%, 80%
HSV	113°, 20%, 89%
XYZ	56.0593, 68.7135, 54.0245
YIQ	209.4970, -9.6700, -22.9980

# Conversions

## Conversions Part 2

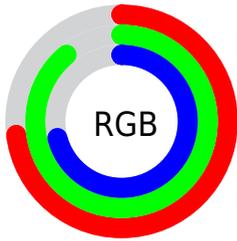
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 227, 222
Decimal	12247989
CIELab	86.36, -21.90, 18.15
CIElCh	86, 28.446, 140.347
Yxy	68.7135, 0.3135, 0.3843
Android (android.graphics.Color)	4290438069 (0xFFBAE3B5)
YUV	209.4970, -14.0490, -20.6069
Hunter-Lab	82.8936, -24.3478, 19.3843

# Details

The Decimal color **12247989** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14595555**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **15990765**, and **8694656** is the 20% darker color. If you saturate the color by 10%, you get **10937246**, and if you desaturate by 10%, it is **13558732**.

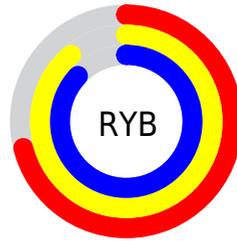
# Distribution



Red (73%)

Green (89%)

Blue (71%)



Red (71%)

Yellow (89%)

Blue (87%)

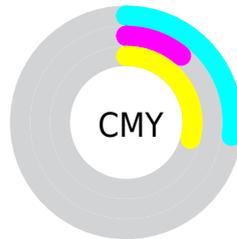


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12247989 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 12247989 by changing the saturation by 10% instead.

■ 12247989

16777215

■ 15990765

■ 12247989

■ 10471322

■ 8694656

■ 7049575

■ 5404495

■ 3825207

■ 2246178

■ 667660

■ 7168

■ 0

 12247989

 12247989

 10937246

 13558732

 9626504

 14869474

 8250225

 16245753

 6939482

 16770047

 5628740

 4317997

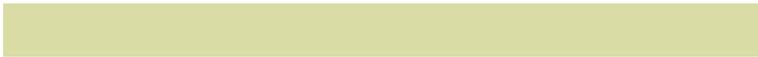
 2941718

 1696512

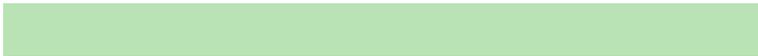
# Harmonies

## Analogous

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



14277797



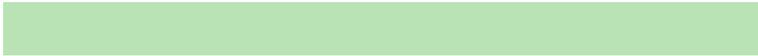
12247989



10348494

# Triad

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



12247989



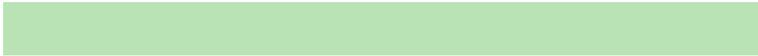
11329023



16762311

# Complementary

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



12247989



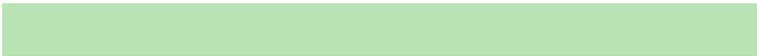
14595555

# 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.



16762338



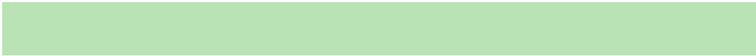
12247989



13751551

# Square

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



12247989



9495807



15911931



16763824

# Rectangle

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



12247989



9431009



15911931



16762320

# Sweetspot

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



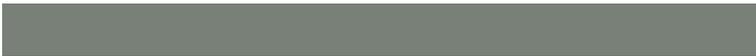
12247989



15859696



14933685



7897207



0

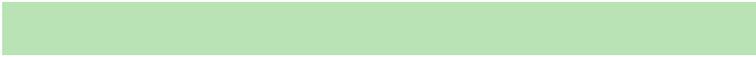


8421504

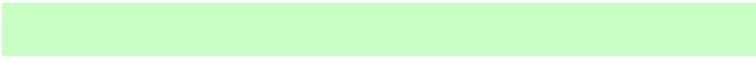


# Same Dimension

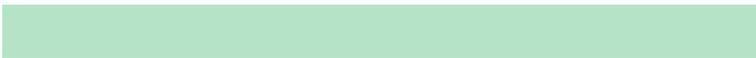
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12247989



13172674



11920327



6910823



1291008



406272



# Inverse Universe

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



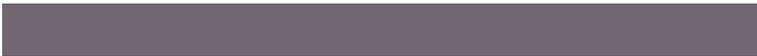
14595555



16302847



14923217



7497587



10420403

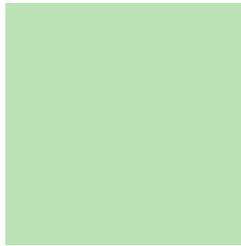


2949171



# Previews

## White Background



This preview shows how the Decimal color 12247989 looks on a white background.

## Color Contrast Check

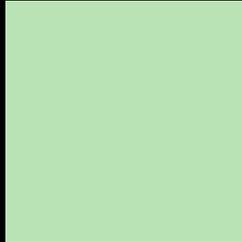
Large Text (above 18pt) WCAG AA × Fail

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 12247989 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

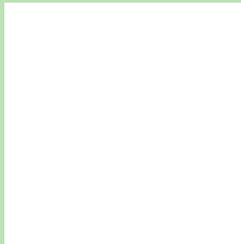
Any Text WCAG AAA ✓ Pass

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

## Decimal 12247989 Background



This preview shows how black text looks on a background with the Decimal color 12247989.



This preview shows how white text looks on a background with the Decimal color 12247989.

# 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](#).

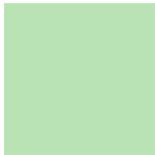
## Dichromacy





**Tritanopia**  
12835821

# Trichromacy



**Original Color**  
12247989



**Protanomaly**  
14015409

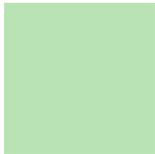


**Deuteranomaly**  
14800568



**Tritanomaly**  
12639961

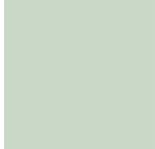
# Monochromacy



**Original Color**  
12247989



**Achromatopsia**  
13750737



**Achromatomaly**  
13228231

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12247989 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 #BAE3B5 looks like.

```
.text, #text, p{  
    color:#BAE3B5  
}
```

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 #BAE3B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE3B5
}
```

## Border

The CSS property to change the border of an element to Decimal 12247989 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
#BAE3B5 }
```

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

```
.border{ border-color:#BAE3B5 }
```

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

Here you see how a box with a 4 pixel #BAE3B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE3B5; -webkit-box-shadow:4px 4px  
4px 4px #BAE3B5; box-shadow:4px 4px 4px  
4px #BAE3B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12247989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE3B5 }
```

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

```
.background{ background-color:#BAE3B5 }
```

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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