

Converting Colors

Decimal(12248966)

Have a look what the booklet for
Decimal(12248966) contains.

Decimal(12248966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12248966)

Conversions

Conversions Part 1

Format	Color
Hex	BAE786
RGB	186, 231, 134
RGB Percent	73%, 91%, 53%
CMY	0.2706, 0.0941, 0.4745
CMYK	0.19, 0.00, 0.42, 0.09
HSL	88°, 67%, 72%
HSV	88°, 42%, 91%
XYZ	53.1287, 69.3122, 33.1327
YIQ	206.4870, 4.3170, -39.7070

Conversions

Conversions Part 2

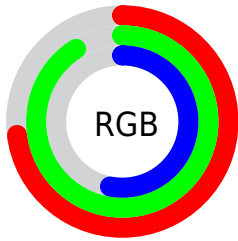
Format	Color
RYB	134, 231, 179
Decimal	12248966
CIELab	86.66, -30.62, 42.47
CIELCh	87, 52.359, 125.785
Yxy	69.3122, 0.3415, 0.4455
Android (android.graphics.Color)	4290439046 (0xFFBAE786)
YUV	206.4870, -35.7361, -17.9671
Hunter-Lab	83.2539, -31.7842, 34.6820

Details

The Decimal color **12248966** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **11765479**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **15990716**, and **8630098** is the 20% darker color. If you saturate the color by 10%, you get **11528047**, and if you desaturate by 10%, it is **12969885**.

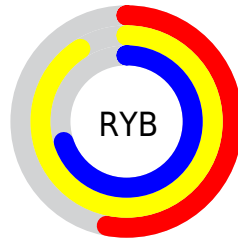
Distribution



Red (73%)

Green (91%)

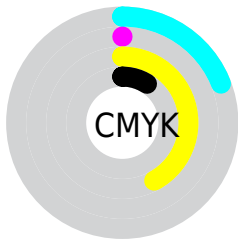
Blue (53%)



Red (53%)

Yellow (91%)

Blue (70%)

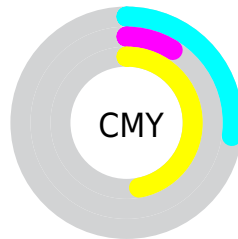


Cyan (19%)

Magenta (0%)

Yellow (42%)

Black (9%)



Cyan (27%)

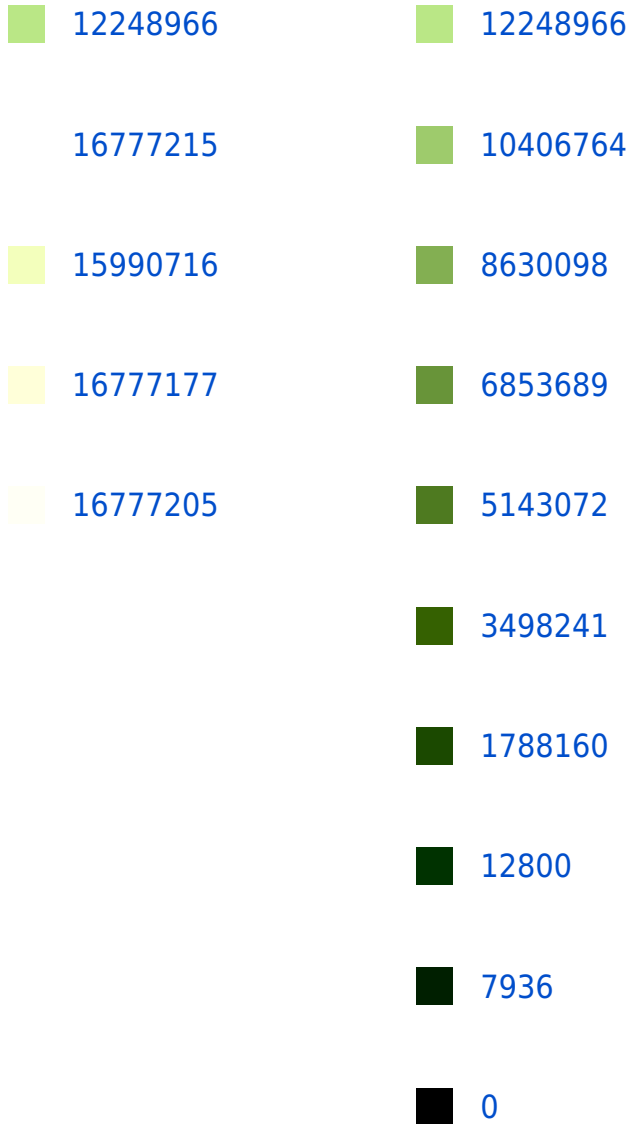
Magenta (9%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 12248966 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 12248966 by changing the saturation by 10% instead.



 12248966


 12248966

 11528047

 12969885

 10872664

 13625268

 10151745

 14346187

 9430826

 15067106

 8709907

 15788026

 8185600

 16443391

 16771071

Harmonies

Analogous

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



15718772



12248966



8057006

Triad

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



12248966



715263



16757201

Complementary

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



12248966



11765479

Split Complementary

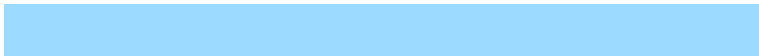
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16758783



12248966



10279935

Square

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



12248966



61951



15386879



16758945

Rectangle

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



12248966



4059856



15386879



16757218

Sweetspot

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



12248966



15794142



15184518



7766123



0



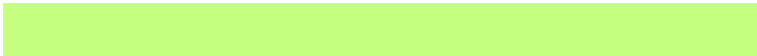
8421504

Same Dimension

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



12248966



12910464



9168774



7172967



6337280



1782528

Inverse Universe

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



11765479



12288255



14845671



7169907



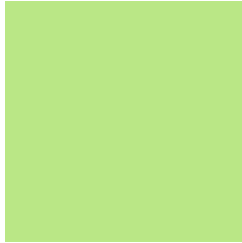
5439667



1572915

Previews

White Background



This preview shows how the Decimal color 12248966 looks on a white background.

Color Contrast Check

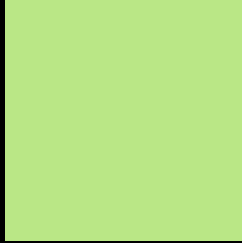
Large Text (above 18pt) WCAG AA × Fail

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 12248966 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 12248966 Background



This preview shows how black text looks on a background with the Decimal color 12248966.



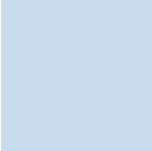
This preview shows how white text looks on a background with the Decimal color 12248966.

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
13229036

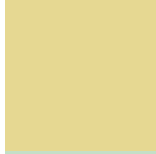
Trichromacy



Original Color
12248966



Protanomaly
14343555



Deuteranomaly
15128722

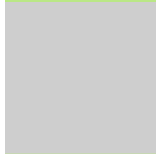


Tritanomaly
12902343

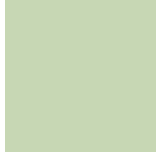
Monochromacy



Original Color
12248966



Achromatopsia
13553358



Achromatomaly
13096884

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12248966 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 #BAE786 looks like.

```
.text, #text, p{  
    color:#BAE786  
}
```

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 #BAE786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAE786
}
```

Border

The CSS property to change the border of an element to Decimal 12248966 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
#BAE786 }
```

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

```
.border{ border-color:#BAE786 }
```

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

Here you see how a box with a 4 pixel #BAE786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAE786; -webkit-box-shadow:4px 4px  
4px 4px #BAE786; box-shadow:4px 4px 4px  
4px #BAE786 }
```

Background

The CSS property to change the background color of an element to Decimal 12248966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAE786 }
```

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

```
.background{ background-color:#BAE786 }
```

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