

Converting Colors

Decimal(12189129)

Have a look what the booklet for
Decimal(12189129) contains.

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Color

Decimal(12189129)

Conversions

Conversions Part 1

Format	Color
Hex	B9FDC9
RGB	185, 253, 201
RGB Percent	73%, 99%, 79%
CMY	0.2745, 0.0078, 0.2118
CMYK	0.27, 0.00, 0.21, 0.01
HSL	134°, 94%, 86%
HSV	134°, 27%, 99%
XYZ	65.6755, 84.7819, 68.1614
YIQ	226.7400, -23.8360, -30.5880

Conversions

Conversions Part 2

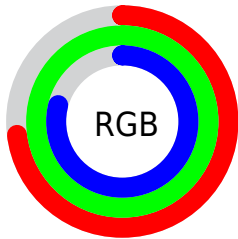
Format	Color
RYB	185, 240, 253
Decimal	12189129
CIELab	93.79, -31.19, 18.20
CIELCh	94, 36.115, 149.734
Yxy	84.7819, 0.3004, 0.3878
Android (android.graphics.Color)	4290379209 (0xFFB9FDC9)
YUV	226.7400, -12.6898, -36.6060
Hunter-Lab	92.0771, -33.8169, 20.5637

Details

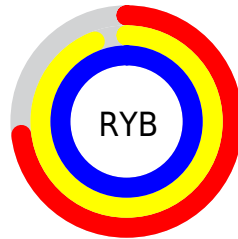
The Decimal color **12189129** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16628205**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **15925247**, and **8570003** is the 20% darker color. If you saturate the color by 10%, you get **10550710**, and if you desaturate by 10%, it is **13827548**.

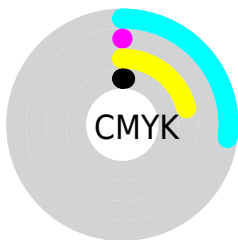
Distribution



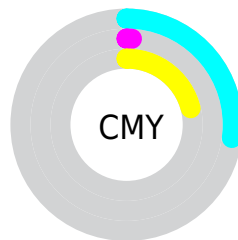
- Red (73%)
- Green (99%)
- Blue (79%)



- Red (73%)
- Yellow (94%)
- Blue (99%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (1%)



- Cyan (27%)
- Magenta (1%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12189129 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 12189129 by changing the saturation by 10% instead.

 12189129

 12189129

16777215

 10346670

 15925247

 8570003

 6859129

 5148256

 3437640

 1661745

 17180

 11267

 5632

 12189129

 12189129

 10550710

 13827548

 8846754

 15531504

 7208335

 16776703

 5569916

 3865960

 2227541

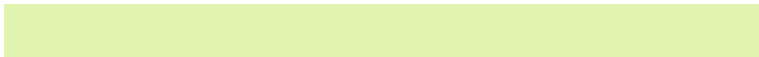
 589122

 64828

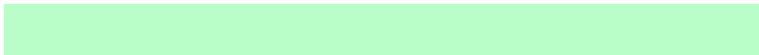
Harmonies

Analogous

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



14808496



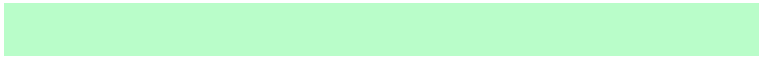
12189129



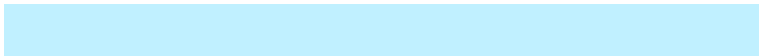
9764844

Triad

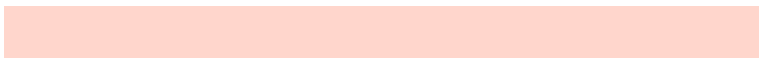
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12189129



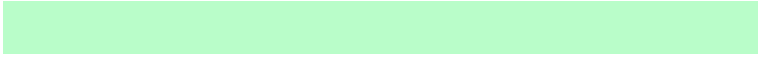
12644607



16766668

Complementary

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



12189129



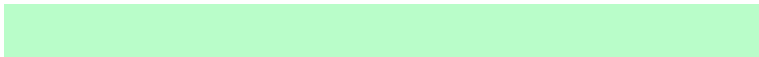
16628205

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.



16766191



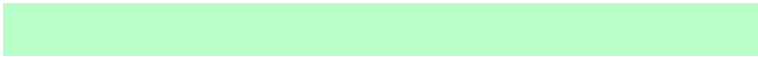
12189129



15918335

Square

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



12189129



9698047



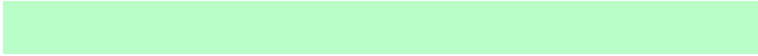
16767487



16768946

Rectangle

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



12189129



8716287



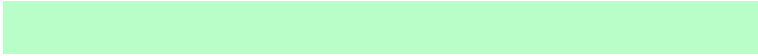
16767487



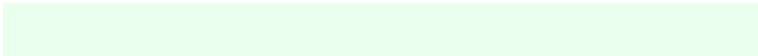
16766167

Sweetspot

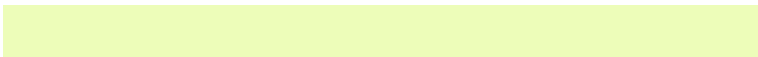
The Sweet Spot groups the original color and five complimentary colors.



12189129



15466479



15596985



7569526



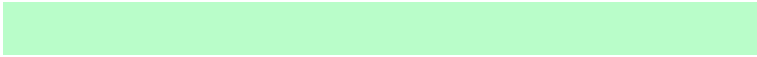
0



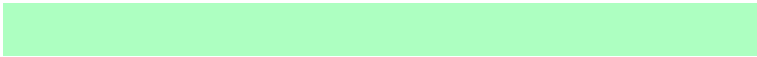
8421504

Same Dimension

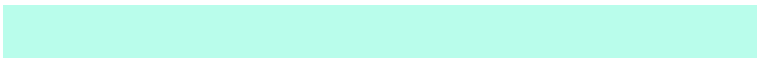
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12189129



11403201



12189163



7569526



48941



16399

Inverse Universe

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



16628205



16756204



16628171



8418173



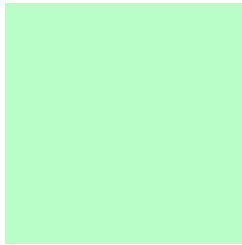
12517522



4194353

Previews

White Background



This preview shows how the Decimal color 12189129 looks on a white background.

Color Contrast Check

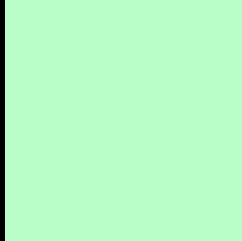
Large Text (above 18pt) WCAG AA × Fail

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 12189129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

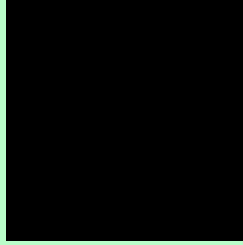
Any Text WCAG AA ✓ Pass

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 12189129 Background



This preview shows how black text looks on a background with the Decimal color 12189129.

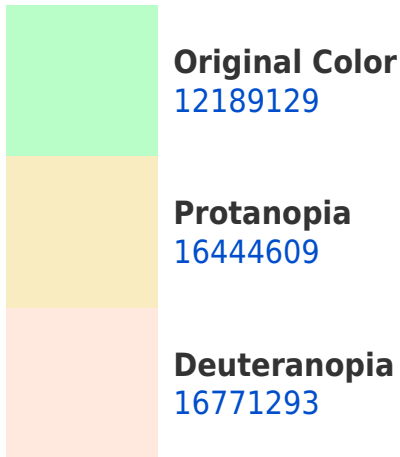


This preview shows how white text looks on a background with the Decimal color 12189129.

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



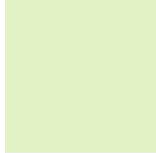


Tritanopia
13890303

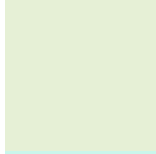
Trichromacy



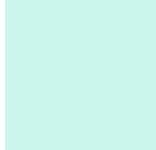
Original Color
12189129



Protanomaly
14873284

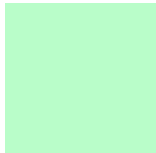


Deuteranomaly
15134934

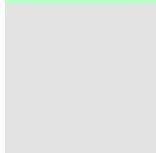


Tritanomaly
13301483

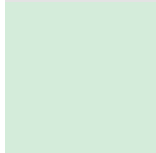
Monochromacy



Original Color
12189129



Achromatopsia
14935011



Achromatomaly
13954266

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12189129 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 #B9FDC9 looks like.

```
.text, #text, p{  
    color:#B9FDC9  
}
```

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 #B9FDC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FDC9
}
```

Border

The CSS property to change the border of an element to Decimal 12189129 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
#B9FDC9 }
```

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

```
.border{ border-color:#B9FDC9 }
```

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

Here you see how a box with a 4 pixel #B9FDC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FDC9; -webkit-box-shadow:4px 4px  
4px 4px #B9FDC9; box-shadow:4px 4px 4px  
4px #B9FDC9 }
```

Background

The CSS property to change the background color of an element to Decimal 12189129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FDC9 }
```

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

```
.background{ background-color:#B9FDC9 }
```

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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