

Converting Colors

Decimal(12189616)

Have a look what the booklet for
Decimal(12189616) contains.

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Color

Decimal(12189616)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFB0
RGB	185, 255, 176
RGB Percent	73%, 100%, 69%
CMY	0.2745, 0.0000, 0.3098
CMYK	0.27, 0.00, 0.31, 0.00
HSL	113°, 100%, 85%
HSV	113°, 31%, 100%
XYZ	63.6041, 84.9689, 54.1226
YIQ	225.0640, -16.3610, -39.4090

Conversions

Conversions Part 2

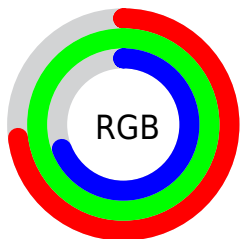
Format	Color
RYB	176, 255, 246
Decimal	12189616
CIELab	93.87, -36.24, 31.00
CIELCh	94, 47.688, 139.453
Yxy	84.9689, 0.3138, 0.4192
Android (android.graphics.Color)	4290379696 (0xFFB9FFB0)
YUV	225.0640, -24.1886, -35.1361
Hunter-Lab	92.1786, -38.1458, 29.7129

Details

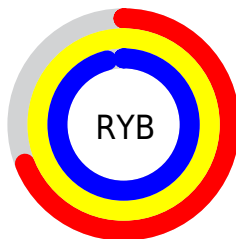
The Decimal color **12189616** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **16167167**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **15925224**, and **8570491** is the 20% darker color. If you saturate the color by 10%, you get **10682262**, and if you desaturate by 10%, it is **13696970**.

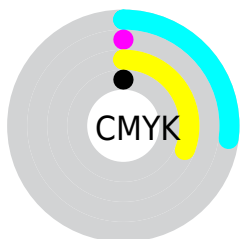
Distribution



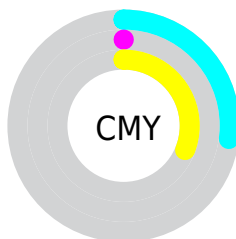
- Red (73%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12189616 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 12189616 by changing the saturation by 10% instead.

 12189616

 12189616

16777215

 10347157

 15925224

 8570491

 6793825

 5083209

 3307057

 1334298

 17409

 11520

 5632


 12189616

 12189616

 10682262

 13696970

 9240445

 15138787

 7733091

 16646141

 6291274

16777215

 4783921

 3276567

 1965824

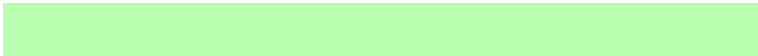
Harmonies

Analogous

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



15660181



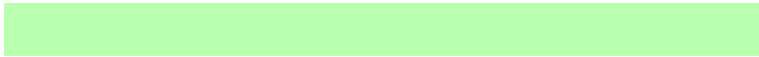
12189616



8323035

Triad

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



12189616



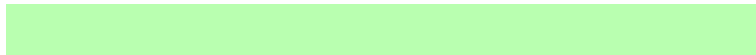
9435135



16763857

Complementary

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



12189616



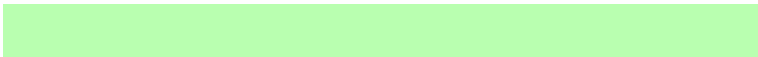
16167167

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.



16763903



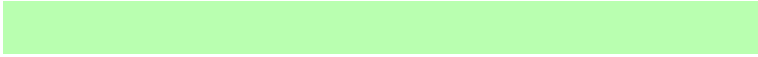
12189616



14411775

Square

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



12189616



4194303



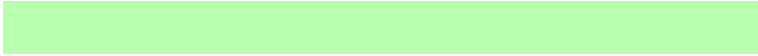
16766975



16766377

Rectangle

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



12189616



5439483



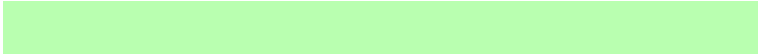
16766975



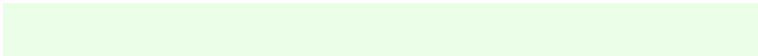
16763616

Sweetspot

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



12189616



15466472



16774832



7569521



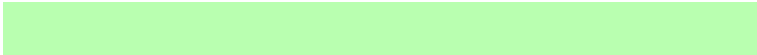
0



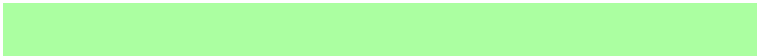
8421504

Same Dimension

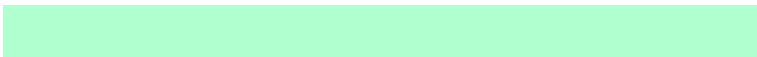
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12189616



11272097



11599822



7635059



1490688



475136

Inverse Universe

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



16167167



16032255



16756961



8287104



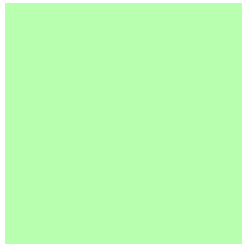
11075775



3670080

Previews

White Background



This preview shows how the Decimal color 12189616 looks on a white background.

Color Contrast Check

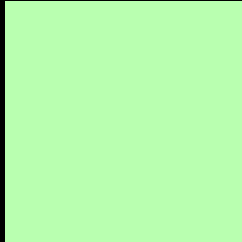
Large Text (above 18pt) WCAG AA × Fail

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 12189616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

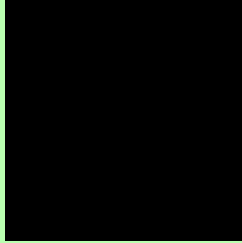
Any Text WCAG AA ✓ Pass

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 12189616 Background



This preview shows how black text looks on a background with the Decimal color 12189616.

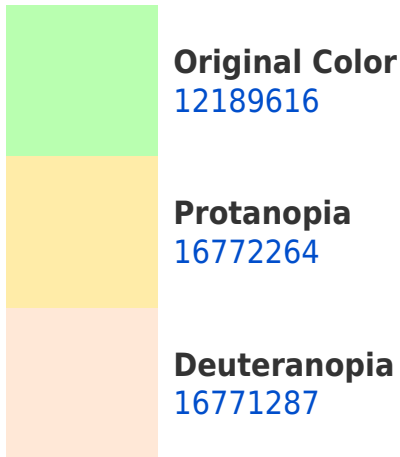


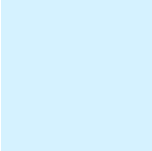
This preview shows how white text looks on a background with the Decimal color 12189616.

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



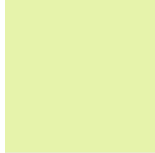


Tritanopia
14021375

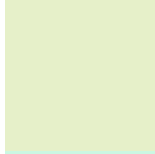
Trichromacy



Original Color
12189616



Protanomaly
15135659



Deuteranomaly
15134921

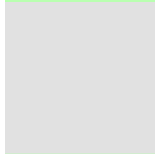


Tritanomaly
13367266

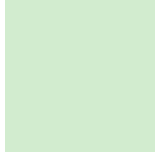
Monochromacy



Original Color
12189616



Achromatopsia
14803425



Achromatomaly
13823183

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12189616 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 #B9FFB0 looks like.

```
.text, #text, p{  
    color:#B9FFB0  
}
```

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 #B9FFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FFB0
}
```

Border

The CSS property to change the border of an element to Decimal 12189616 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
#B9FFB0 }
```

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

```
.border{ border-color:#B9FFB0 }
```

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

Here you see how a box with a 4 pixel #B9FFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FFB0; -webkit-box-shadow:4px 4px  
4px 4px #B9FFB0; box-shadow:4px 4px 4px  
4px #B9FFB0 }
```

Background

The CSS property to change the background color of an element to Decimal 12189616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FFB0 }
```

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

```
.background{ background-color:#B9FFB0 }
```

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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