

Converting Colors

Decimal(12189640)

Have a look what the booklet for
Decimal(12189640) contains.

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Color

Decimal(12189640)

Conversions

Conversions Part 1

Format	Color
Hex	B9FFC8
RGB	185, 255, 200
RGB Percent	73%, 100%, 78%
CMY	0.2745, 0.0000, 0.2157
CMYK	0.27, 0.00, 0.22, 0.00
HSL	133°, 100%, 86%
HSV	133°, 27%, 100%
XYZ	66.1929, 86.0044, 67.7554
YIQ	227.8000, -24.0650, -31.9450

Conversions

Conversions Part 2

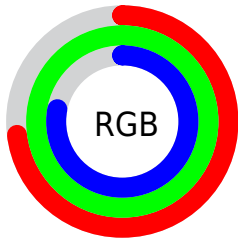
Format	Color
RYB	185, 243, 255
Decimal	12189640
CIELab	94.31, -32.30, 19.45
CIElCh	94, 37.701, 148.946
Yxy	86.0044, 0.3009, 0.3910
Android (android.graphics.Color)	4290379720 (0xFFB9FFC8)
YUV	227.8000, -13.7054, -37.5356
Hunter-Lab	92.7386, -34.8867, 21.5994

Details

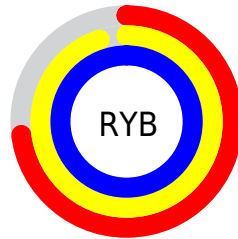
The Decimal color **12189640** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16759280**, and the grayscale version is **15000804**.

A 20% lighter version of the original color is **15925247**, and **8570514** is the 20% darker color. If you saturate the color by 10%, you get **10551220**, and if you desaturate by 10%, it is **13893596**.

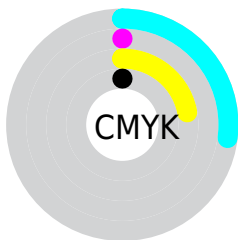
Distribution



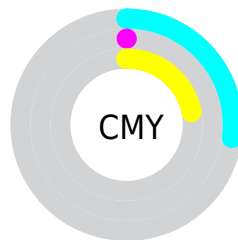
- Red (73%)
- Green (100%)
- Blue (78%)



- Red (73%)
- Yellow (95%)
- Blue (100%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12189640 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 12189640 by changing the saturation by 10% instead.

 12189640

 12189640

16777215

 10347181

 15925247

 8570514

 6859384

 5148767

 3438151


 1531184

 17435

 11522


 6144

 12189640

 12189640

 10551220

 13893596


 8847264


 15532016

 7143308

16777215

 5504888

 3800932

 2162512

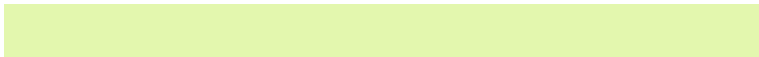
 524092

 65335

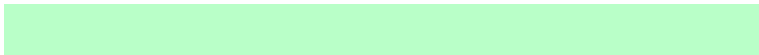
Harmonies

Analogous

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



14940078



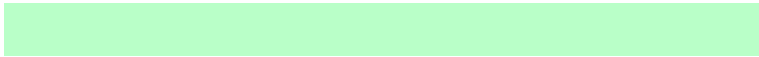
12189640



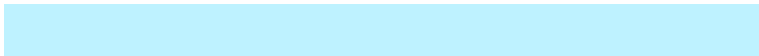
9568236

Triad

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



12189640



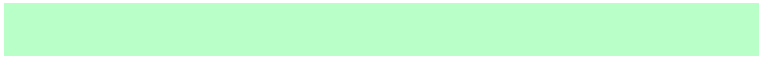
12514047



16766669

Complementary

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



12189640



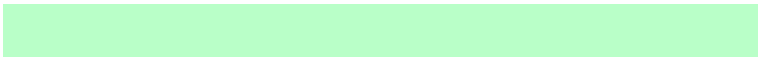
16759280

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.



16766193



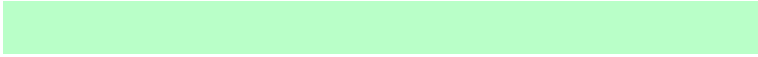
12189640



15918847

Square

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



12189640



9305343



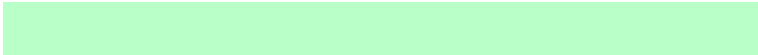
16767743



16769201

Rectangle

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



12189640



8388607



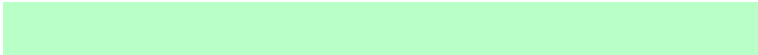
16767743



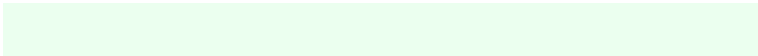
16766169

Sweetspot

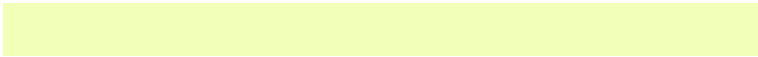
The Sweet Spot groups the original color and five complimentary colors.



12189640



15466479



15859641



7569525



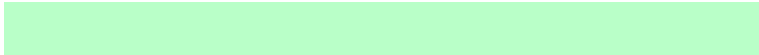
0



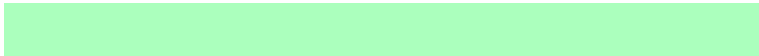
8421504

Same Dimension

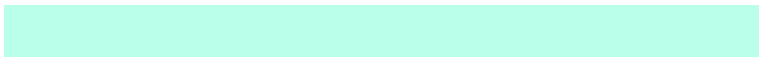
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12189640



11272125



12189674



7569525



48937



16398

Inverse Universe

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



16759280



16755693



16759246



8418173



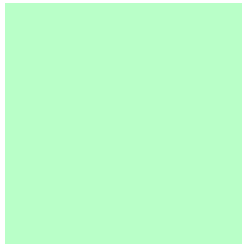
12517526



4194354

Previews

White Background



This preview shows how the Decimal color 12189640 looks on a white background.

Color Contrast Check

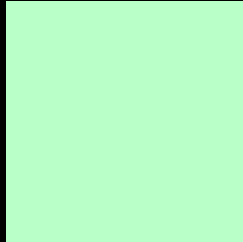
Large Text (above 18pt) WCAG AA × Fail

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 12189640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

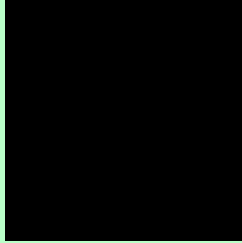
Any Text WCAG AA ✓ Pass

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 12189640 Background



This preview shows how black text looks on a background with the Decimal color 12189640.



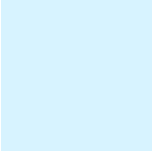
This preview shows how white text looks on a background with the Decimal color 12189640.

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



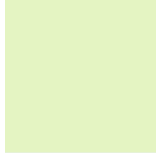


Tritanopia
14152703

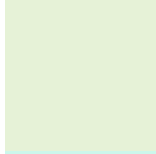
Trichromacy



Original Color
12189640



Protanomaly
15004866

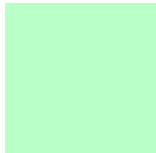


Deuteranomaly
15135447

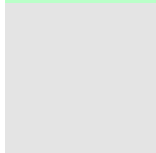


Tritanomaly
13432811

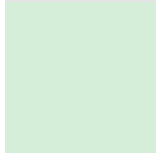
Monochromacy



Original Color
12189640



Achromatopsia
15000804



Achromatomaly
13954778

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12189640 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 #B9FFC8 looks like.

```
.text, #text, p{  
    color:#B9FFC8  
}
```

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 #B9FFC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9FFC8
}
```

Border

The CSS property to change the border of an element to Decimal 12189640 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
#B9FFC8 }
```

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

```
.border{ border-color:#B9FFC8 }
```

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

Here you see how a box with a 4 pixel #B9FFC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9FFC8; -webkit-box-shadow:4px 4px  
4px 4px #B9FFC8; box-shadow:4px 4px 4px  
4px #B9FFC8 }
```

Background

The CSS property to change the background color of an element to Decimal 12189640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9FFC8 }
```

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

```
.background{ background-color:#B9FFC8 }
```

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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