

# Converting Colors

Decimal(12976048)

Have a look what the booklet for  
Decimal(12976048) contains.

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# **Color**

**Decimal(12976048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5FFB0
RGB	197, 255, 176
RGB Percent	77%, 100%, 69%
CMY	0.2275, 0.0000, 0.3098
CMYK	0.23, 0.00, 0.31, 0.00
HSL	104°, 100%, 85%
HSV	104°, 31%, 100%
XYZ	66.6224, 86.5249, 54.2639
YIQ	228.6520, -9.2090, -36.8650

# Conversions

## Conversions Part 2

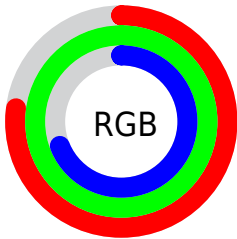
Format	Color
<b>RYB</b>	176, 255, 234
Decimal	12976048
CIELab	94.54, -32.30, 32.01
CIELCh	95, 45.475, 135.255
Yxy	86.5249, 0.3212, 0.4172
Android (android.graphics.Color)	4291166128 (0xFFC5FFB0)
YUV	228.6520, -25.9574, -27.7588
Hunter-Lab	93.0188, -34.9365, 30.5254

# Details

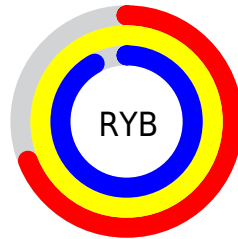
The Decimal color **12976048** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **15380735**, and the grayscale version is **15066597**.

A 20% lighter version of the original color is **16777192**, and **9356923** is the 20% darker color. If you saturate the color by 10%, you get **11730838**, and if you desaturate by 10%, it is **14221258**.

# Distribution



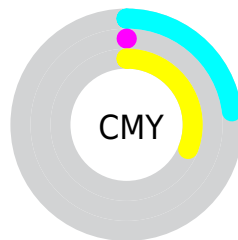
- Red (77%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12976048 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 12976048 by changing the saturation by 10% instead.



 12976048

 12976048

16777215

 11133589

 16777192

 9356923

 7580513

 5869641

 4159025

 2448665

 476416

 11776

 6144

 12976048

 12976048

 11730838

 14221258

 10551165

 15400931

 9305955

 16646141

 8060746

16777215

 6815537

 5635863

 4521728

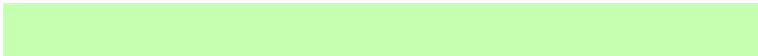
# Harmonies

## Analogous

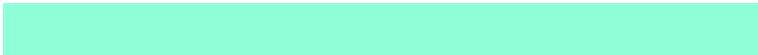
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16184473



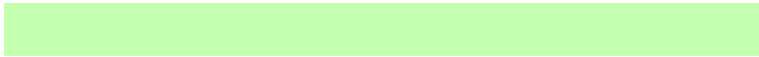
12976048



9437143

# Triad

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



12976048



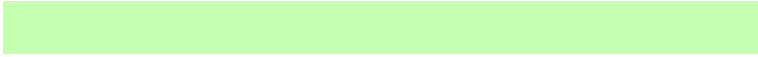
9370367



16764634

# Complementary

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



12976048



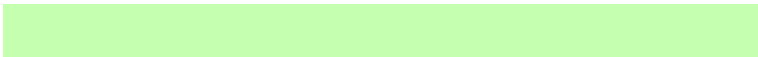
15380735

# Split Complementary

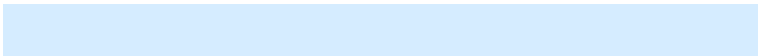
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16765183



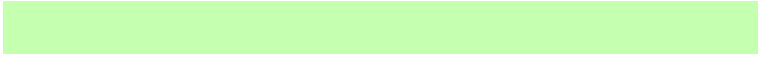
12976048



14019839

# Square

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



12976048



5373951



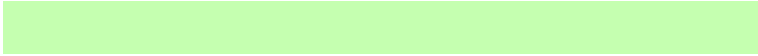
16768255



16766899

# Rectangle

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



12976048



7012342



16768255

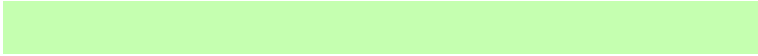


16764393



# Sweetspot

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



12976048



15663080



16771760



7700593



0

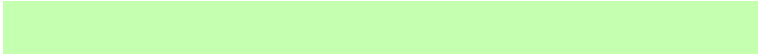


8421504

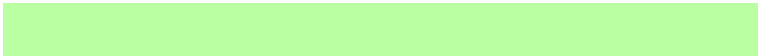


# Same Dimension

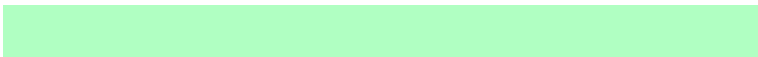
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12976048



12255137



11599810



7766131



3391232



1130496



# Inverse Universe

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



15380735



15114751



16756973



8156032



9175231

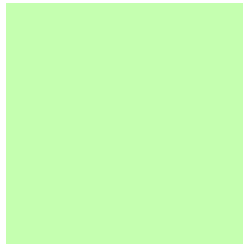


3080256



# Previews

## White Background



This preview shows how the Decimal color 12976048 looks on a white background.

## Color Contrast Check

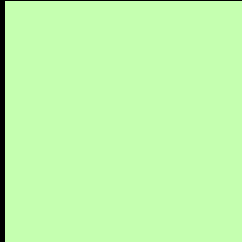
Large Text (above 18pt) WCAG AA × Fail

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 12976048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

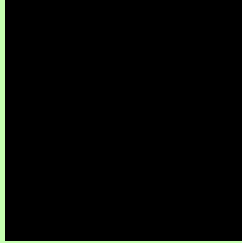
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

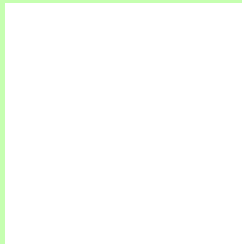
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12976048 Background



This preview shows how black text looks on a background with the Decimal color 12976048.



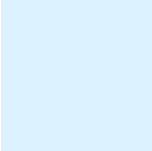
This preview shows how white text looks on a background with the Decimal color 12976048.

# 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**  
14545663

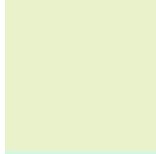
# Trichromacy



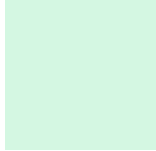
**Original Color**  
12976048



**Protanomaly**  
15398066

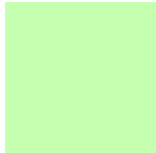


**Deuteranomaly**  
15397580

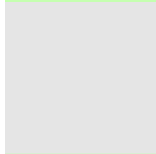


**Tritanomaly**  
13957090

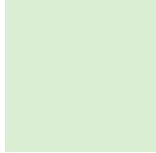
# Monochromacy



**Original Color**  
12976048



**Achromatopsia**  
15066597



**Achromatomaly**  
14282450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12976048 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 #C5FFB0 looks like.

```
.text, #text, p{  
    color:#C5FFB0  
}
```

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 #C5FFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FFB0
}
```

## Border

The CSS property to change the border of an element to Decimal 12976048 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
#C5FFB0 }
```

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

```
.border{ border-color:#C5FFB0 }
```

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

Here you see how a box with a 4 pixel #C5FFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FFB0; -webkit-box-shadow:4px 4px  
4px 4px #C5FFB0; box-shadow:4px 4px 4px  
4px #C5FFB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12976048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FFB0 }
```

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

```
.background{ background-color:#C5FFB0 }
```

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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