

# Converting Colors

Decimal(12779469)

Have a look what the booklet for  
Decimal(12779469) contains.

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# **Color**

**Decimal(12779469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2FFCD
RGB	194, 255, 205
RGB Percent	76%, 100%, 80%
CMY	0.2392, 0.0000, 0.1961
CMYK	0.24, 0.00, 0.20, 0.00
HSL	131°, 100%, 88%
HSV	131°, 24%, 100%
XYZ	69.0276, 87.3971, 70.9888
YIQ	231.0610, -20.3060, -28.4820

# Conversions

## Conversions Part 2

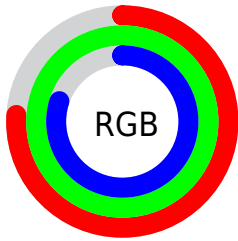
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 246, 255
Decimal	12779469
CIELab	94.91, -28.61, 17.80
CIElCh	95, 33.695, 148.121
Yxy	87.3971, 0.3035, 0.3843
Android (android.graphics.Color)	4290969549 (0xFFC2FFCD)
YUV	231.0610, -12.8481, -32.5025
Hunter-Lab	93.4864, -31.8022, 20.4187

# Details

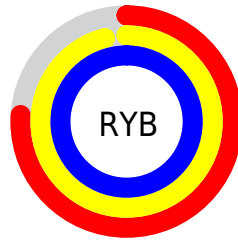
The Decimal color **12779469** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16761588**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16515071**, and **9160343** is the 20% darker color. If you saturate the color by 10%, you get **11141048**, and if you desaturate by 10%, it is **14417890**.

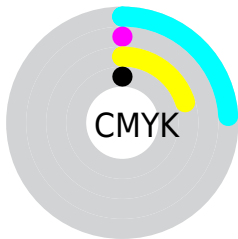
# Distribution



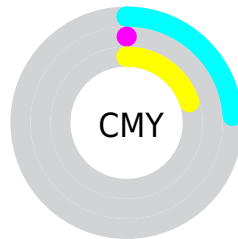
- Red (76%)
- Green (100%)
- Blue (80%)



- Red (76%)
- Yellow (96%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12779469 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 12779469 by changing the saturation by 10% instead.





 12779469

 12779469

 11141048

 14417890

 9437091

 16121847

 7798670

16777215

 6094713

 4390756

 2752336

 1113915

 65326

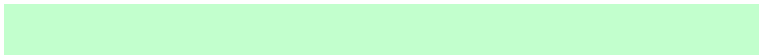
# Harmonies

## Analogous

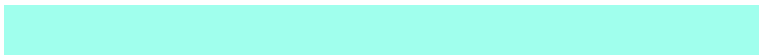
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15268022



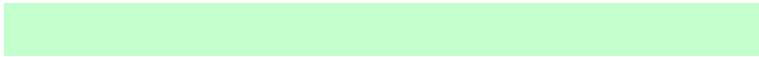
12779469



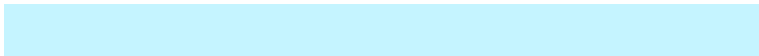
10551277

# Triad

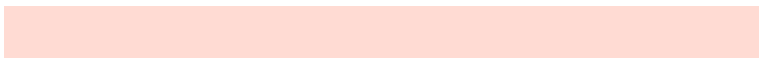
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12779469



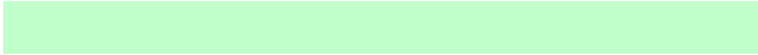
12973311



16767955

# Complementary

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



12779469



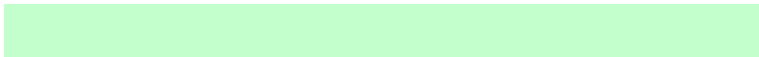
16761588

# 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.



16767476



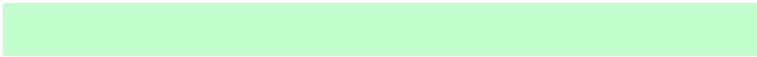
12779469



15985151

# Square

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



12779469



10354175



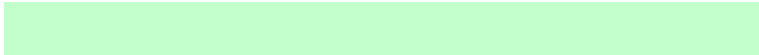
16768767



16769978

# Rectangle

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



12779469



9633791



16768767

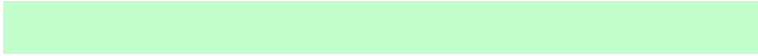


16767454



# Sweetspot

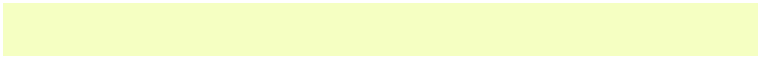
The Sweet Spot groups the original color and five complimentary colors.



12779469



15597552



16121794



7700599



0

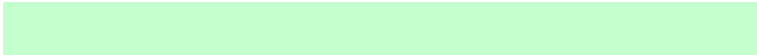


8421504

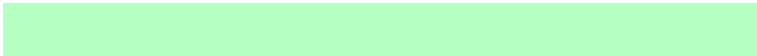


# Same Dimension

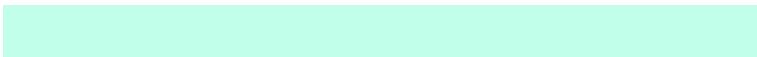
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12779469



11927490



12779499



7569525



48930



16395



# Inverse Universe

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



16761588



16758258



16761558



8418173



12517533

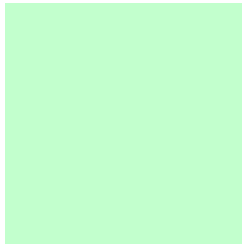


4194356



# Previews

## White Background



This preview shows how the Decimal color 12779469 looks on a white background.

## Color Contrast Check

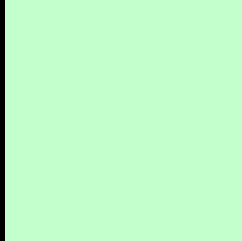
Large Text (above 18pt) WCAG AA × Fail

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 12779469 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 12779469 Background



This preview shows how black text looks on a background with the Decimal color 12779469.



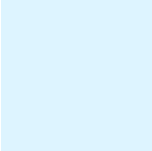
This preview shows how white text looks on a background with the Decimal color 12779469.

# 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



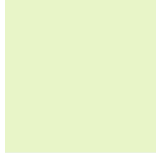


**Tritanopia**  
14546175

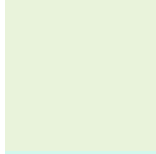
# Trichromacy



**Original Color**  
12779469



**Protanomaly**  
15267272

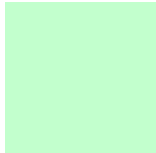


**Deuteranomaly**  
15332315

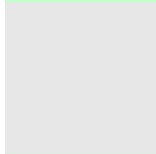


**Tritanomaly**  
13891821

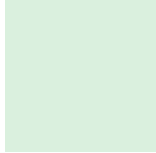
# Monochromacy



**Original Color**  
12779469



**Achromatopsia**  
15198183



**Achromatomaly**  
14348510

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12779469 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 #C2FFCD looks like.

```
.text, #text, p{  
    color:#C2FFCD  
}
```

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 #C2FFCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2FFCD
}
```

## Border

The CSS property to change the border of an element to Decimal 12779469 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
#C2FFCD }
```

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

```
.border{ border-color:#C2FFCD }
```

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

Here you see how a box with a 4 pixel #C2FFCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2FFCD; -webkit-box-shadow:4px 4px  
4px 4px #C2FFCD; box-shadow:4px 4px 4px  
4px #C2FFCD }
```

# Background

The CSS property to change the background color of an element to Decimal 12779469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2FFCD }
```

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

```
.background{ background-color:#C2FFCD }
```

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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