

Converting Colors

Decimal(12779460)

Have a look what the booklet for
Decimal(12779460) contains.

Decimal(12779460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12779460)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFC4
RGB	194, 255, 196
RGB Percent	76%, 100%, 77%
CMY	0.2392, 0.0000, 0.2314
CMYK	0.24, 0.00, 0.23, 0.00
HSL	122°, 100%, 88%
HSV	122°, 24%, 100%
XYZ	67.9719, 86.9749, 65.4299
YIQ	230.0350, -17.4170, -31.2810

Conversions

Conversions Part 2

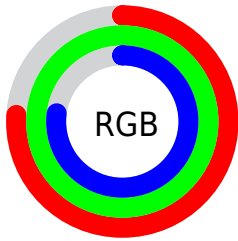
Format	Color
RYB	194, 253, 255
Decimal	12779460
CIELab	94.73, -30.14, 22.14
CIELCh	95, 37.399, 143.708
Yxy	86.9749, 0.3084, 0.3947
Android (android.graphics.Color)	4290969540 (0xFFC2FFC4)
YUV	230.0350, -16.7793, -31.6027
Hunter-Lab	93.2603, -33.1074, 23.6853

Details

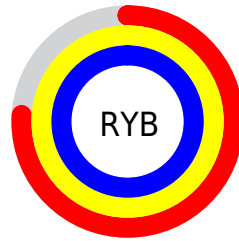
The Decimal color **12779460** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **16761597**, and the grayscale version is **15132390**.

A 20% lighter version of the original color is **16515069**, and **9160334** is the 20% darker color. If you saturate the color by 10%, you get **11141035**, and if you desaturate by 10%, it is **14417885**.

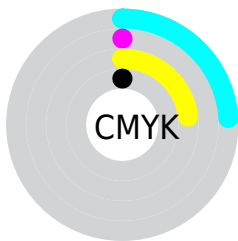
Distribution



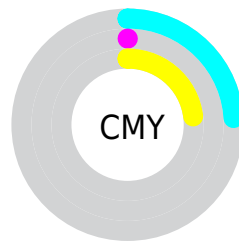
- Red (76%)
- Green (100%)
- Blue (77%)



- Red (76%)
- Yellow (99%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12779460 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 12779460 by changing the saturation by 10% instead.

 12779460

 12779460

16777215

 10937001

 16515069

 9160334

 7449460

 5738587

 4027972

 2383149

 410903

 11776

 6400

 12779460

 12779460

 11141035

 14417885

 9437075

 16121845

 7798650

16777215

 6094689

 4390729

 2752304

 1113879

 65288

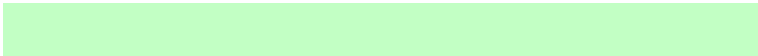
Harmonies

Analogous

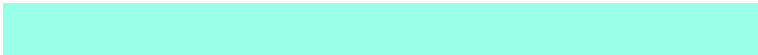
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15529645



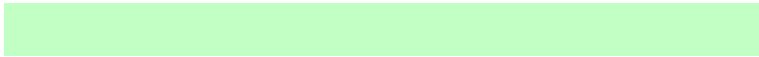
12779460



10158055

Triad

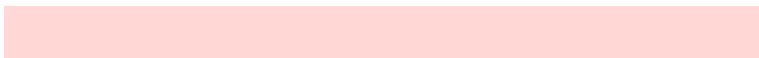
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12779460



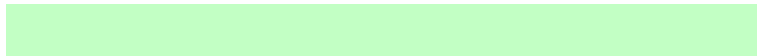
11990783



16766932

Complementary

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



12779460



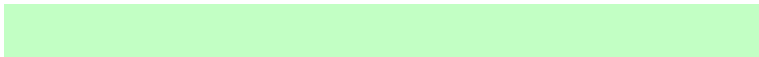
16761597

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.



16766713



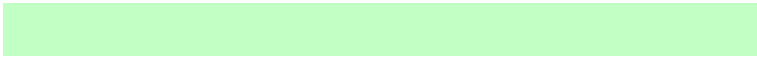
12779460



15460863

Square

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



12779460



9109503



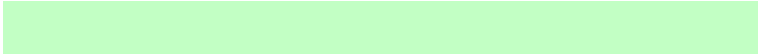
16768511



16768951

Rectangle

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



12779460



8781823



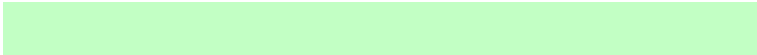
16768511



16766432

Sweetspot

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



12779460



15597550



16711618



7700598



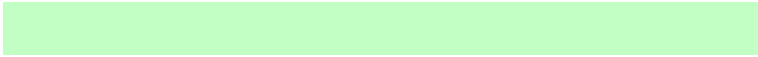
0



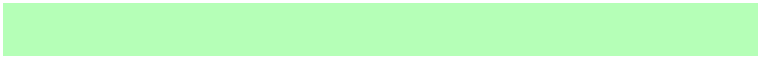
8421504

Same Dimension

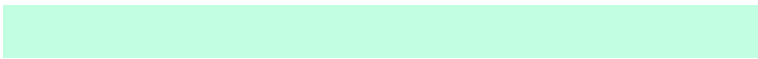
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12779460



11927479



12779490



7569523



48902



16386

Inverse Universe

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



16761597



16758269



16761567



8418175



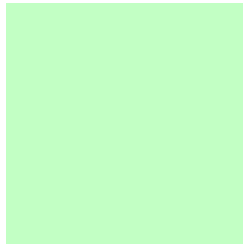
12517561



4194366

Previews

White Background



This preview shows how the Decimal color 12779460 looks on a white background.

Color Contrast Check

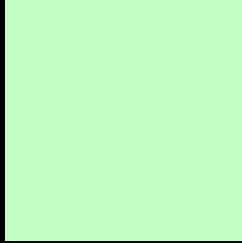
Large Text (above 18pt) WCAG AA × Fail

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 12779460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

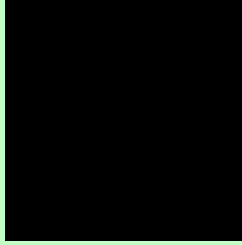
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

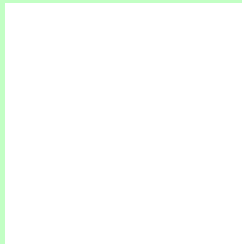
Any Text WCAG AAA ✓ Pass

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

Decimal 12779460 Background



This preview shows how black text looks on a background with the Decimal color 12779460.

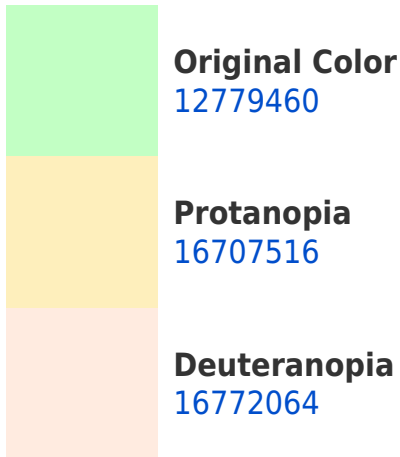


This preview shows how white text looks on a background with the Decimal color 12779460.

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





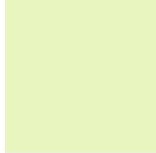
Tritanopia
14480383

Trichromacy



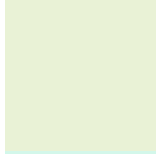
Original Color

12779460



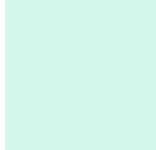
Protanomaly

15267263



Deuteranomaly

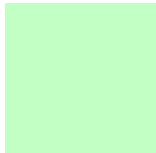
15332054



Tritanomaly

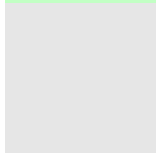
13891562

Monochromacy



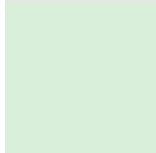
Original Color

12779460



Achromatopsia

15132390



Achromatomaly

14282714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12779460 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 #C2FFC4 looks like.

```
.text, #text, p{  
    color:#C2FFC4  
}
```

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 #C2FFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2FFC4
}
```

Border

The CSS property to change the border of an element to Decimal 12779460 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
#C2FFC4 }
```

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

```
.border{ border-color:#C2FFC4 }
```

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

Here you see how a box with a 4 pixel #C2FFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2FFC4; -webkit-box-shadow:4px 4px  
4px 4px #C2FFC4; box-shadow:4px 4px 4px  
4px #C2FFC4 }
```

Background

The CSS property to change the background color of an element to Decimal 12779460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2FFC4 }
```

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

```
.background{ background-color:#C2FFC4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor