

# Converting Colors

Decimal(12776130)

Have a look what the booklet for  
Decimal(12776130) contains.

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# **Color**

**Decimal(12776130)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F2C2
RGB	194, 242, 194
RGB Percent	76%, 95%, 76%
CMY	0.2392, 0.0510, 0.2392
CMYK	0.20, 0.00, 0.20, 0.05
HSL	120°, 65%, 85%
HSV	120°, 20%, 95%
XYZ	63.7379, 78.8686, 62.9028
YIQ	222.1760, -13.2000, -25.1040

# Conversions

## Conversions Part 2

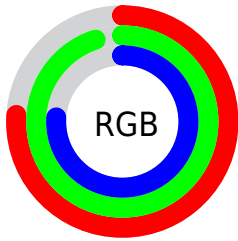
Format	Color
<a href="#">RYB</a>	<a href="#">194, 242, 242</a>
Decimal	<a href="#">12776130</a>
CIELab	<a href="#">91.17, -24.31, 18.21</a>
CIElCh	<a href="#">91, 30.379, 143.164</a>
Yxy	<a href="#">78.8686, 0.3101, 0.3838</a>
Android (android.graphics.Color)	<a href="#">4290966210</a> ( <a href="#">0xFFC2F2C2</a> )
YUV	<a href="#">222.1760, -13.8908, -24.7104</a>
Hunter-Lab	<a href="#">88.8080, -27.3039, 20.1705</a>

# Details

The Decimal color **12776130** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15909618**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16515067**, and **9222796** is the 20% darker color. If you saturate the color by 10%, you get **11203242**, and if you desaturate by 10%, it is **14349018**.

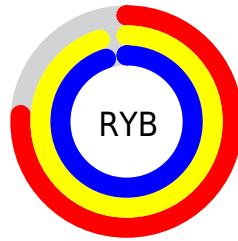
# Distribution



Red (76%)

Green (95%)

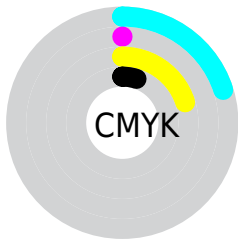
Blue (76%)



Red (76%)

Yellow (95%)

Blue (95%)

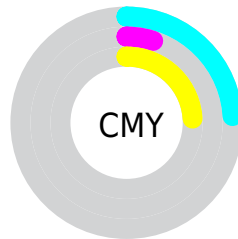


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12776130 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 12776130 by changing the saturation by 10% instead.



 12776130

 12776130

16777215

 10933927

 16515067

 9222796

 7511923

 5801050

 4221762

 2642476

 998166

 9472

 2048

 12776130

 12776130

 11203242

 14349018

 9630354

 15921906

 7991929

 16773887

 6419041

 4846153

 3273265

 1700377

 61952

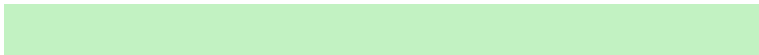
# Harmonies

## Analogous

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



14937008



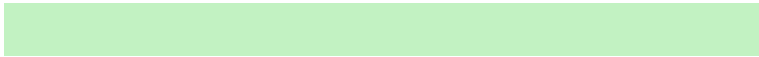
12776130



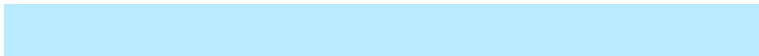
10745566

# Triad

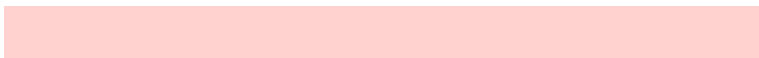
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12776130



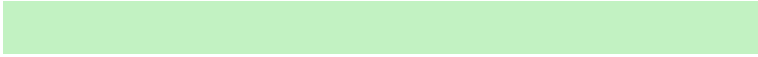
12184319



16765648

# Complementary

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



12776130



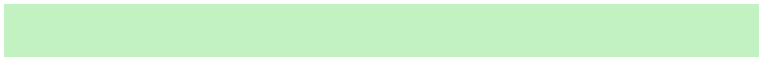
15909618

# 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.



16765422



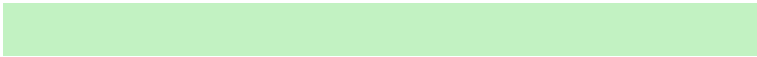
12776130



14868991

# Square

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



12776130



10089215



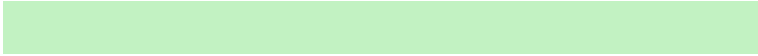
16766975



16767160

# Rectangle

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



12776130



9828082



16766975

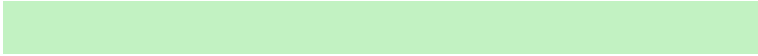


16765402

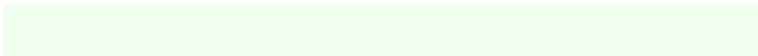


# Sweetspot

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



12776130



15794160



15921858



7831671



0

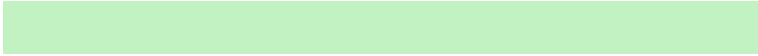


8421504

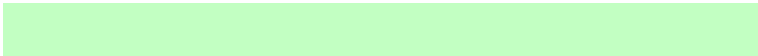


# Same Dimension

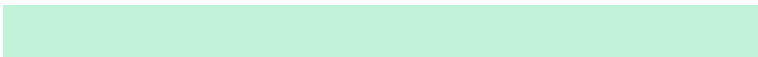
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12776130



12779458



12776154



7108716



47104



14336



# Inverse Universe

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



15909618



16761599



15909594



7892088



12058808

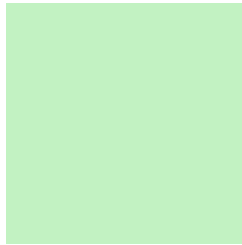


3670072



# Previews

## White Background



This preview shows how the Decimal color 12776130 looks on a white background.

## Color Contrast Check

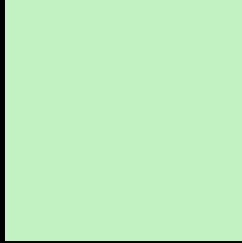
Large Text (above 18pt) WCAG AA × Fail

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 12776130 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

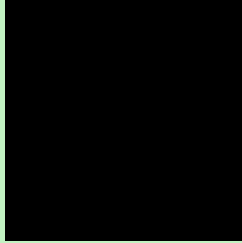
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

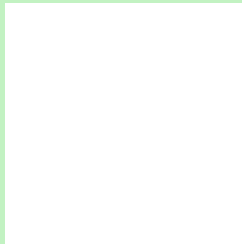
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12776130 Background



This preview shows how black text looks on a background with the Decimal color 12776130.

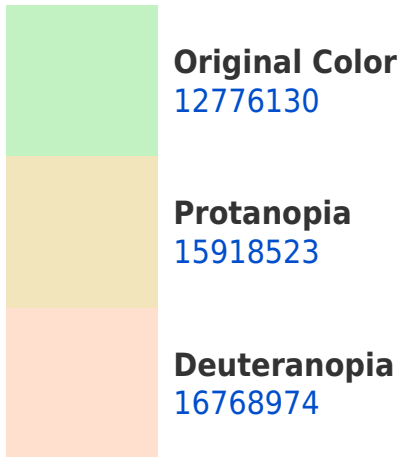


This preview shows how white text looks on a background with the Decimal color 12776130.

# 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





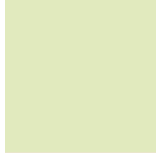
**Tritanopia**  
13429501

# Trichromacy



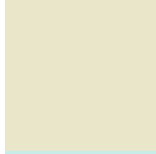
**Original Color**

12776130



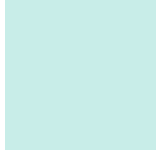
**Protanomaly**

14805694



**Deuteranomaly**

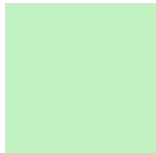
15328970



**Tritanomaly**

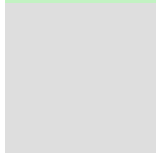
13168104

# Monochromacy



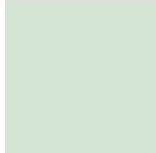
**Original Color**

12776130



**Achromatopsia**

14606046



**Achromatomaly**

13952468

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12776130 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 #C2F2C2 looks like.

```
.text, #text, p{  
    color:#C2F2C2  
}
```

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 #C2F2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F2C2
}
```

## Border

The CSS property to change the border of an element to Decimal 12776130 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
#C2F2C2 }
```

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

```
.border{ border-color:#C2F2C2 }
```

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

Here you see how a box with a 4 pixel `#C2F2C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F2C2; -webkit-box-shadow:4px 4px  
4px 4px #C2F2C2; box-shadow:4px 4px 4px  
4px #C2F2C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 12776130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F2C2 }
```

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

```
.background{ background-color:#C2F2C2 }
```

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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