

# Converting Colors

Decimal(12970672)

Have a look what the booklet for  
Decimal(12970672) contains.

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# **Color**

**Decimal(12970672)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EAB0
RGB	197, 234, 176
RGB Percent	77%, 92%, 69%
CMY	0.2275, 0.0824, 0.3098
CMYK	0.16, 0.00, 0.25, 0.08
HSL	98°, 58%, 80%
HSV	98°, 25%, 92%
XYZ	60.2852, 73.8505, 52.1515
YIQ	216.3250, -3.4340, -25.8820

# Conversions

## Conversions Part 2

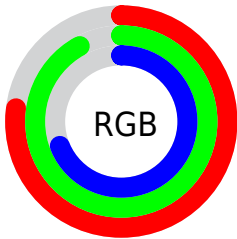
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 234, 213
Decimal	12970672
CIELab	88.85, -22.35, 24.30
CIELCh	89, 33.013, 132.611
Yxy	73.8505, 0.3236, 0.3964
Android (android.graphics.Color)	4291160752 (0xFFC5EAB0)
YUV	216.3250, -19.8802, -16.9480
Hunter-Lab	85.9363, -25.1690, 24.1746

# Details

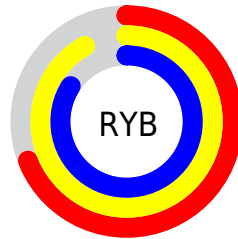
The Decimal color **12970672** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **14004458**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16711656**, and **9417339** is the 20% darker color. If you saturate the color by 10%, you get **11987609**, and if you desaturate by 10%, it is **13953735**.

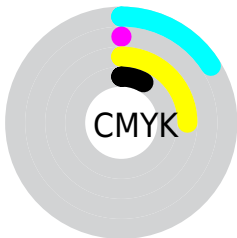
# Distribution



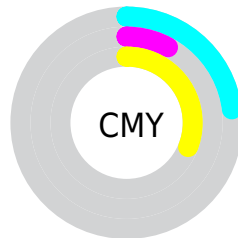
- Red (77%)
- Green (92%)
- Blue (69%)



- Red (69%)
- Yellow (92%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12970672 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 12970672 by changing the saturation by 10% instead.



 12970672

 12970672

16777215

 11128469

 16711656

 9417339

 7640930

 5995850

 4416563

 2837532

 1324293

 8192

 0

 12970672

 12970672

 11987609

 13953735

 11004545

 14936799

 10021482

 15919862

 9038418

 16771839

 8055355

 7072292

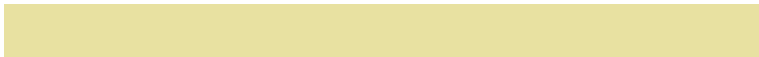
 6154764

 5630464

# Harmonies

## Analogous

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



15262113



12970672



10612683

# Triad

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



12970672



10479615



16763091

# Complementary

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



12970672



14004458

# 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.



16763635



12970672



13360639

# Square

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



12970672



8580863



16044799



16764342

# Rectangle

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



12970672



9302497



16044799



16763101



# Sweetspot

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



12970672



16056301



15390128



7962741



0



8421504

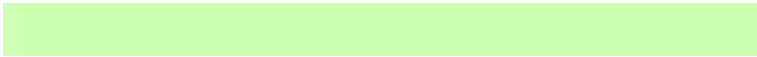


# Same Dimension

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



12970672



13565875



11594424



7239018



4371712



1259008



# Inverse Universe

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



14004458



14922751



15380706



7432821



7536821

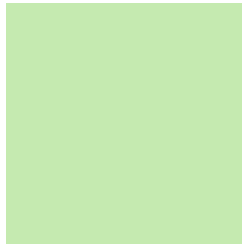


2228278



# Previews

## White Background



This preview shows how the Decimal color 12970672 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 12970672 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

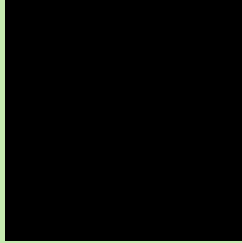
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

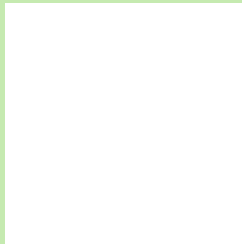
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12970672 Background



This preview shows how black text looks on a background with the Decimal color 12970672.

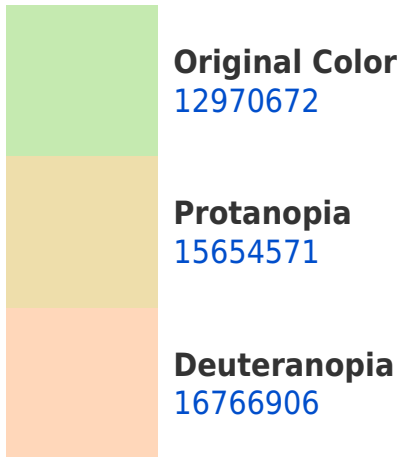


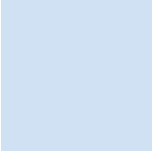
This preview shows how white text looks on a background with the Decimal color 12970672.

# 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





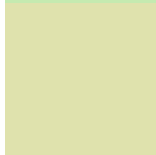
**Tritanopia**  
13623795

# Trichromacy



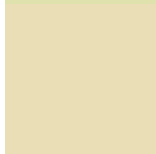
**Original Color**

12970672



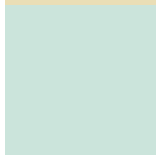
**Protanomaly**

14672557



**Deuteranomaly**

15392438



**Tritanomaly**

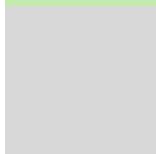
13362395

# Monochromacy



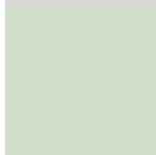
**Original Color**

12970672



**Achromatopsia**

14211288



**Achromatomaly**

13754313

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12970672 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 #C5EAB0 looks like.

```
.text, #text, p{  
    color:#C5EAB0  
}
```

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 #C5EAB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EAB0
}
```

## Border

The CSS property to change the border of an element to Decimal 12970672 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
#C5EAB0 }
```

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

```
.border{ border-color:#C5EAB0 }
```

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

Here you see how a box with a 4 pixel #C5EAB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EAB0; -webkit-box-shadow:4px 4px  
4px 4px #C5EAB0; box-shadow:4px 4px 4px  
4px #C5EAB0 }
```

# Background

The CSS property to change the background color of an element to Decimal 12970672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EAB0 }
```

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

```
.background{ background-color:#C5EAB0 }
```

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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