

# Converting Colors

Decimal(11006411)

Have a look what the booklet for  
Decimal(11006411) contains.

<b>Decimal(11006411)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11006411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F1CB
RGB	167, 241, 203
RGB Percent	65%, 95%, 80%
CMY	0.3451, 0.0549, 0.2039
CMYK	0.31, 0.00, 0.16, 0.05
HSL	149°, 73%, 80%
HSV	149°, 31%, 95%
XYZ	58.1711, 75.4379, 67.9949
YIQ	214.5420, -31.9060, -27.5060

# Conversions

## Conversions Part 2

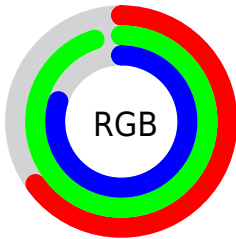
Format	Color
<b>RYB</b>	167, 217, 241
Decimal	11006411
CIELab	89.60, -30.65, 11.12
CIELCh	90, 32.601, 160.066
Yxy	75.4379, 0.2885, 0.3742
Android (android.graphics.Color)	4289196491 (0xFFA7F1CB)
YUV	214.5420, -5.6902, -41.6943
Hunter-Lab	86.8550, -32.4458, 14.3830

# Details

The Decimal color **11006411** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15837133**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **14745599**, and **7453077** is the 20% darker color. If you saturate the color by 10%, you get **9433535**, and if you desaturate by 10%, it is **12579287**.

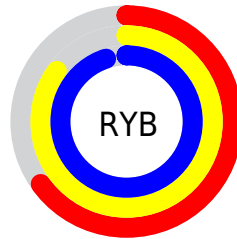
# Distribution



Red (65%)

Green (95%)

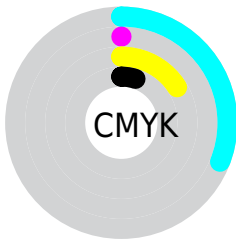
Blue (80%)



Red (65%)

Yellow (85%)

Blue (95%)

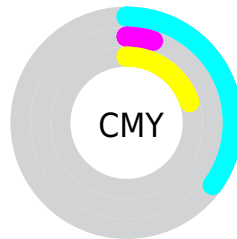


Cyan (31%)

Magenta (0%)

Yellow (16%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11006411 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 11006411 by changing the saturation by 10% instead.





 11006411

 11006411

 9433535

 12579287

 7860658

 14152164

 6287782

 15725040

 4714905

 16773629

 3076493

 16773631

 1503617

 61813

# Harmonies

## Analogous

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



13364145



11006411



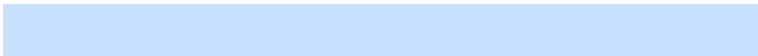
9171947

# Triad

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



11006411



13230591



16764859

# Complementary

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



11006411



15837133

# 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.



16763608



11006411



15980287

# Square

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



11006411



10480383



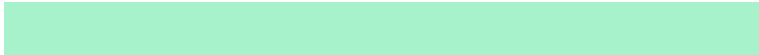
16764407



16767143

# Rectangle

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



11006411



8647423



16764407

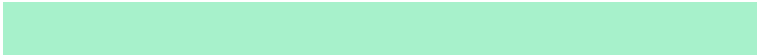


16764355

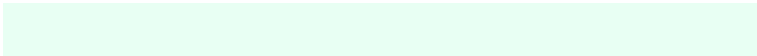


# Sweetspot

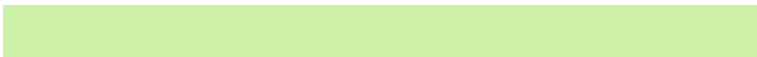
The Sweet Spot groups the original color and five complimentary colors.



11006411



15269875



13496743



7438456



0



8421504

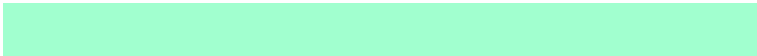


# Same Dimension

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



11006411



10616783



11006448



7108722



47193



14363



# Inverse Universe

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



15837133



16753105



15837096



7892082



12058718

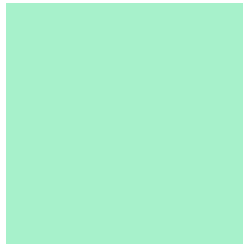


3670045



# Previews

## White Background



This preview shows how the Decimal color 11006411 looks on a white background.

## Color Contrast Check

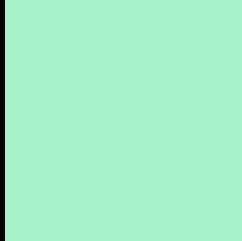
Large Text (above 18pt) WCAG AA × Fail

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 11006411 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 11006411 Background



This preview shows how black text looks on a background with the Decimal color 11006411.

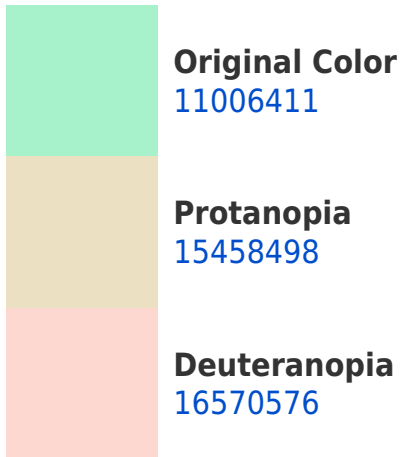



This preview shows how white text looks on a background with the Decimal color 11006411.

# 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





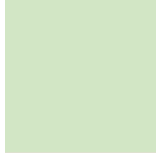
**Tritanopia**  
11660029

# Trichromacy



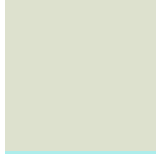
**Original Color**

11006411



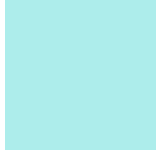
**Protanomaly**

13821637



**Deuteranomaly**

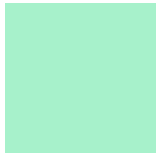
14541262



**Tritanomaly**

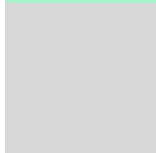
11398635

# Monochromacy



**Original Color**

11006411



**Achromatopsia**

14145495



**Achromatomaly**

13033683

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11006411 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 #A7F1CB looks like.

```
.text, #text, p{  
    color:#A7F1CB  
}
```

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 #A7F1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7F1CB
}
```

## Border

The CSS property to change the border of an element to Decimal 11006411 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
#A7F1CB }
```

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

```
.border{ border-color:#A7F1CB }
```

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

Here you see how a box with a 4 pixel #A7F1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7F1CB; -webkit-box-shadow:4px 4px  
4px 4px #A7F1CB; box-shadow:4px 4px 4px  
4px #A7F1CB }
```

# Background

The CSS property to change the background color of an element to Decimal 11006411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7F1CB }
```

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

```
.background{ background-color:#A7F1CB }
```

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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