

# Converting Colors

Decimal(11005876)

Have a look what the booklet for  
Decimal(11005876) contains.

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# **Color**

**Decimal(11005876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7EFB4
RGB	167, 239, 180
RGB Percent	65%, 94%, 71%
CMY	0.3451, 0.0627, 0.2941
CMYK	0.30, 0.00, 0.25, 0.06
HSL	131°, 69%, 80%
HSV	131°, 30%, 94%
XYZ	55.0411, 73.2438, 54.4165
YIQ	210.7460, -23.9730, -33.6130

# Conversions

## Conversions Part 2

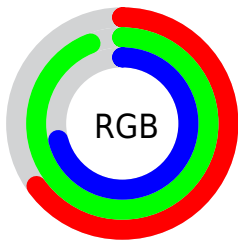
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 228, 239</a>
Decimal	<a href="#">11005876</a>
CIELab	<a href="#">88.56, -33.95, 21.57</a>
CIELCh	<a href="#">89, 40.218, 147.571</a>
Yxy	<a href="#">73.2438, 0.3013, 0.4009</a>
Android (android.graphics.Color)	<a href="#">4289195956 (0xFFA7EFB4)</a>
YUV	<a href="#">210.7460, -15.1578, -38.3652</a>
Hunter-Lab	<a href="#">85.5826, -34.9701, 22.2091</a>

# Details

The Decimal color **11005876** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15706082**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **14745580**, and **7452543** is the 20% darker color. If you saturate the color by 10%, you get **9432992**, and if you desaturate by 10%, it is **12578760**.

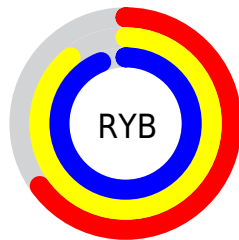
# Distribution



Red (65%)

Green (94%)

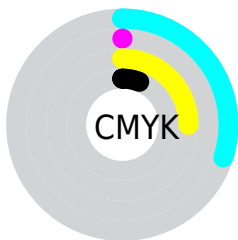
Blue (71%)



Red (65%)

Yellow (89%)

Blue (94%)

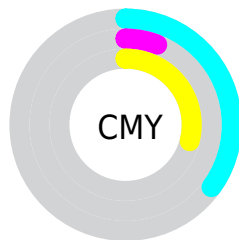


Cyan (30%)

Magenta (0%)

Yellow (25%)

Black (6%)



Cyan (35%)

Magenta (6%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11005876 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 11005876 by changing the saturation by 10% instead.





 11005876

 11005876

 9432992

 12578760

 7860109

 14151643

 6287225

 15724527

 4714342

 16773119

 3141458

 1634110

 61227

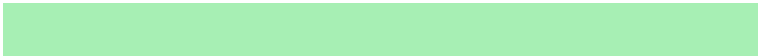
# Harmonies

## Analogous

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



13952921



11005876



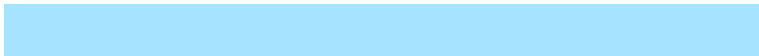
7992282

# Triad

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



11005876



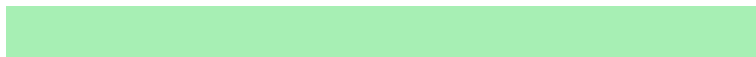
10871807



16762045

# Complementary

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



11005876



15706082

# 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.



16761571



11005876



14669567

# Square

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



11005876



7204351



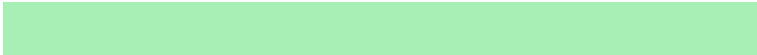
16763391



16764575

# Rectangle

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



11005876



6419444



16763391

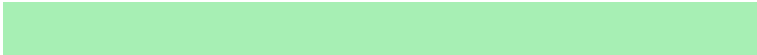


16761545

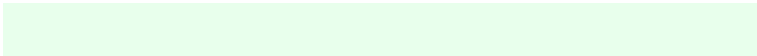


# Sweetspot

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



11005876



15269868



14938023



7438452



0

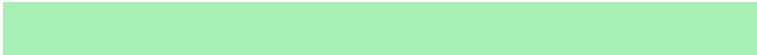


8421504

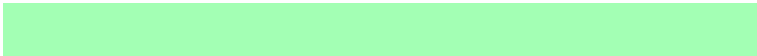


# Same Dimension

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



11005876



10747828



11005911



7108718



47137



14346



# Inverse Universe

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



15706082



16753646



15706047



7892086



12058774

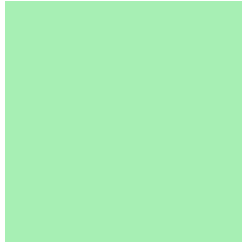


3670062



# Previews

## White Background



This preview shows how the Decimal color 11005876 looks on a white background.

## Color Contrast Check

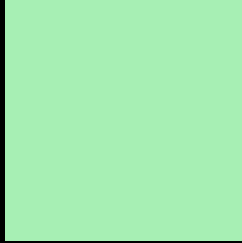
Large Text (above 18pt) WCAG AA × Fail

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 11005876 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 11005876 Background



This preview shows how black text looks on a background with the Decimal color 11005876.

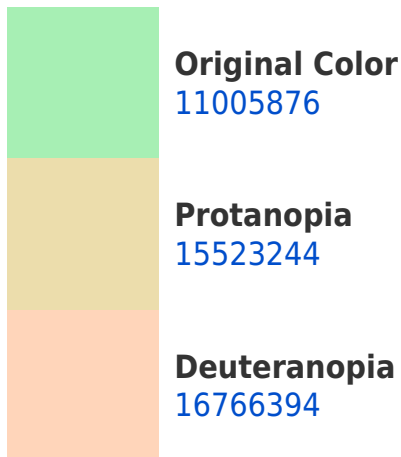



This preview shows how white text looks on a background with the Decimal color 11005876.

# 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





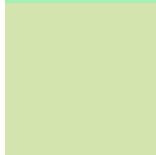
**Tritanopia**  
11855608

# Trichromacy



**Original Color**

11005876



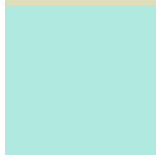
**Protanomaly**

13886639



**Deuteranomaly**

14671544



**Tritanomaly**

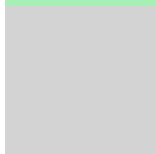
11528671

# Monochromacy



**Original Color**

11005876



**Achromatopsia**

13882323



**Achromatomaly**

12836296

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11005876 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 #A7EFB4 looks like.

```
.text, #text, p{  
    color:#A7EFB4  
}
```

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 #A7EFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7EFB4
}
```

## Border

The CSS property to change the border of an element to Decimal 11005876 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
#A7EFB4 }
```

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

```
.border{ border-color:#A7EFB4 }
```

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

Here you see how a box with a 4 pixel #A7EFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7EFB4; -webkit-box-shadow:4px 4px  
4px 4px #A7EFB4; box-shadow:4px 4px 4px  
4px #A7EFB4 }
```

# Background

The CSS property to change the background color of an element to Decimal 11005876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7EFB4 }
```

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

```
.background{ background-color:#A7EFB4 }
```

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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