

# Converting Colors

Decimal(11006713)

Have a look what the booklet for  
Decimal(11006713) contains.

<b>Decimal(11006713)</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(11006713)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7F2F9
RGB	167, 242, 249
RGB Percent	65%, 95%, 98%
CMY	0.3451, 0.0510, 0.0235
CMYK	0.33, 0.03, 0.00, 0.02
HSL	185°, 87%, 82%
HSV	185°, 33%, 98%
XYZ	64.7874, 78.5593, 101.3713
YIQ	220.3730, -46.9470, -13.7230

# Conversions

## Conversions Part 2

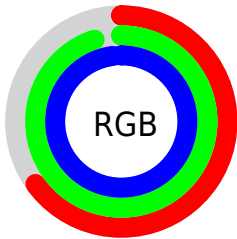
Format	Color
R <sub>Y</sub> B	167, 206, 249
Decimal	11006713
CIE Lab	91.03, -21.32, -10.75
CIE LCh	91, 23.877, 206.754
Yxy	78.5593, 0.2647, 0.3210
Android (android.graphics.Color)	4289196793 (0xFFA7F2F9)
YUV	220.3730, 14.1131, -46.8081
Hunter-Lab	88.6337, -24.6332, -5.7671

# Details

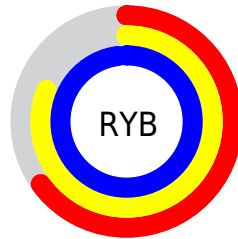
The Decimal color **11006713** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **16363175**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **14745599**, and **7322305** is the 20% darker color. If you saturate the color by 10%, you get **9367801**, and if you desaturate by 10%, it is **12645625**.

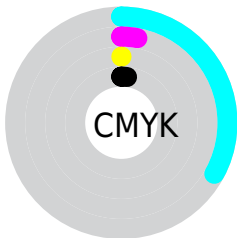
# Distribution



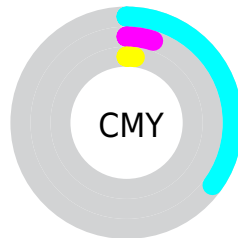
- Red (65%)
- Green (95%)
- Blue (98%)



- Red (65%)
- Yellow (81%)
- Blue (98%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



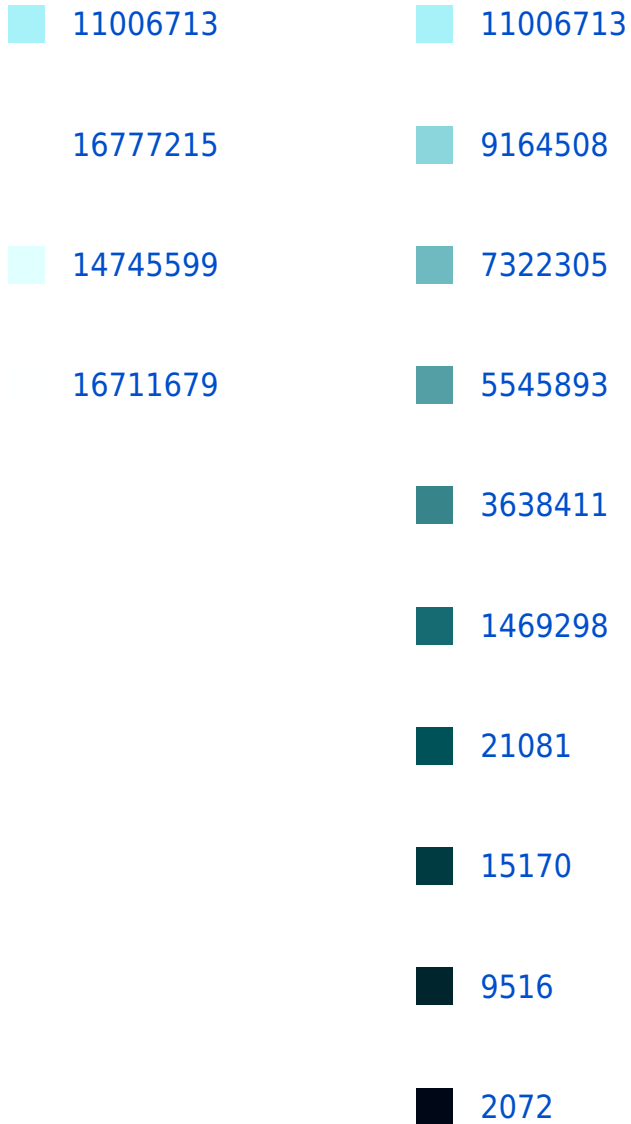
- Cyan (35%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11006713 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 11006713 by changing the saturation by 10% instead.





■ 11006713

■ 11006713

■ 9367801

■ 12645625

■ 7728889

■ 14284537

■ 6089977

■ 15923449

■ 4450809

■ 16776185

■ 2877433

■ 16776697

■ 1238521

■ 16777209

■ 58617

# Harmonies

## Analogous

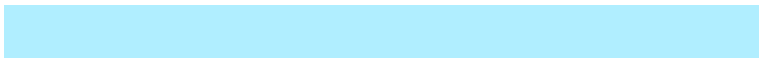
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11662050



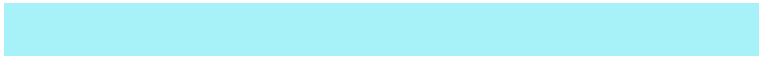
11006713



11595519

# Triad

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



11006713



16767487



16442296

# Complementary

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



11006713



16363175

# 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.



16767936



11006713



16766441

# Square

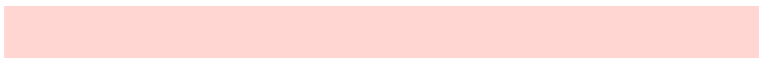
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11006713



15130879



16766674



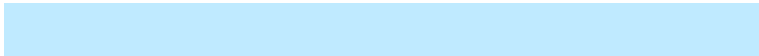
14805692

# Rectangle

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



11006713



12577535



16766674



16769209

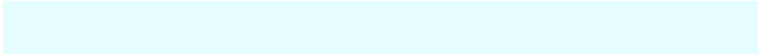


# Sweetspot

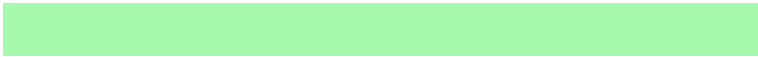
The Sweet Spot groups the original color and five complimentary colors.



11006713



15138303



11008430



7372416



0



8421504

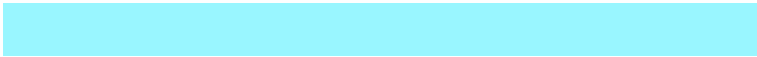


# Same Dimension

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



11006713



10090239



10996217



7371901



44477



14397



# Inverse Universe

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



16361458



16751094



16373671



8220796



12386477

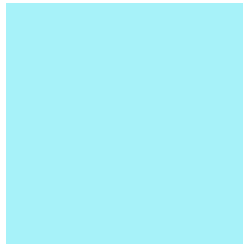


3997752



# Previews

## White Background



This preview shows how the Decimal color 11006713 looks on a white background.

## Color Contrast Check

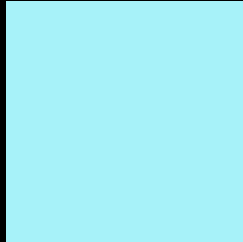
Large Text (above 18pt) WCAG AA × Fail

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 11006713 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

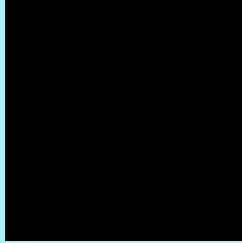
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11006713 Background



This preview shows how black text looks on a background with the Decimal color 11006713.

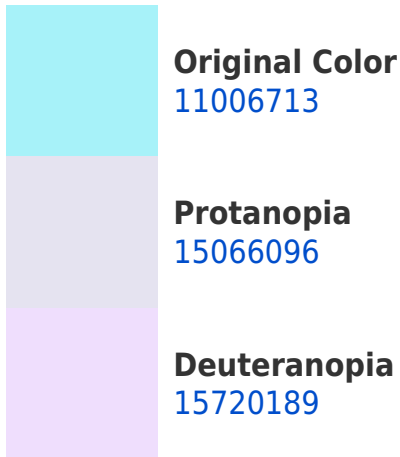



This preview shows how white text looks on a background with the Decimal color 11006713.

# 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



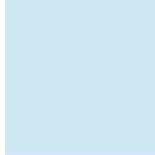


**Tritanopia**  
11857663

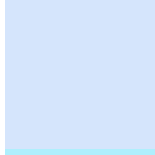
# Trichromacy



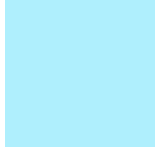
**Original Color**  
11006713



**Protanomaly**  
13560051



**Deuteranomaly**  
14018044

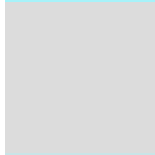


**Tritanomaly**  
11530237

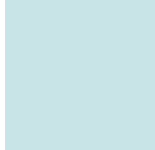
# Monochromacy



**Original Color**  
11006713



**Achromatopsia**  
14474460



**Achromatomaly**  
13231335

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11006713 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 #A7F2F9 looks like.

```
.text, #text, p{  
    color:#A7F2F9  
}
```

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 #A7F2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7F2F9
}
```

## Border

The CSS property to change the border of an element to Decimal 11006713 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
#A7F2F9 }
```

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

```
.border{ border-color:#A7F2F9 }
```

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

Here you see how a box with a 4 pixel #A7F2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7F2F9; -webkit-box-shadow:4px 4px  
4px 4px #A7F2F9; box-shadow:4px 4px 4px  
4px #A7F2F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 11006713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7F2F9 }
```

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

```
.background{ background-color:#A7F2F9 }
```

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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