

# Converting Colors

Decimal(7009966)

Have a look what the booklet for  
Decimal(7009966) contains.

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# **Color**

**Decimal(7009966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6AF6AE
RGB	106, 246, 174
RGB Percent	42%, 96%, 68%
CMY	0.5843, 0.0353, 0.3176
CMYK	0.57, 0.00, 0.29, 0.04
HSL	149°, 89%, 69%
HSV	149°, 57%, 96%
XYZ	46.5396, 72.0317, 51.4950
YIQ	195.9320, -60.3280, -52.0720

# Conversions

## Conversions Part 2

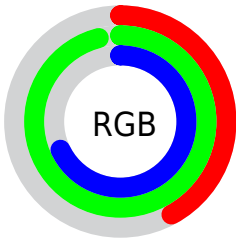
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 200, 246
Decimal	7009966
CIELab	87.98, -54.11, 23.46
CIELCh	88, 58.980, 156.562
Yxy	72.0317, 0.2737, 0.4236
Android (android.graphics.Color)	4285200046 (0xFF6AF6AE)
YUV	195.9320, -10.8125, -78.8704
Hunter-Lab	84.8715, -50.6439, 23.4364

# Details

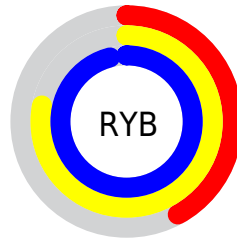
The Decimal color **7009966** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16149170**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **11010022**, and **2145657** is the 20% darker color. If you saturate the color by 10%, you get **5371553**, and if you desaturate by 10%, it is **8648379**.

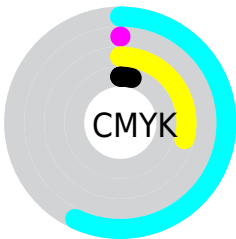
# Distribution



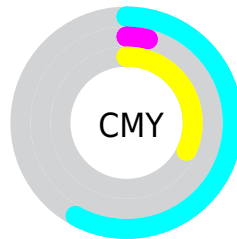
- Red (42%)
- Green (96%)
- Blue (68%)



- Red (42%)
- Yellow (78%)
- Blue (96%)



- Cyan (57%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (58%)
- Magenta (4%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7009966 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 7009966 by changing the saturation by 10% instead.




 7009966

 7009966

16777215

 4839827

 11010022

 2145657

 12976127

 41312

 14942207

 34376

 27697

 21018

 14851

 8960

 0

 7009966

 7009966

 5371553

 8648379

 3798677

 10221255

 2160264

 11859668

 587387

 13432545

 63095

 15070957

 16709370

 16774911

# Harmonies

## Analogous

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



12053887



7009966



64232

# Triad

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



7009966



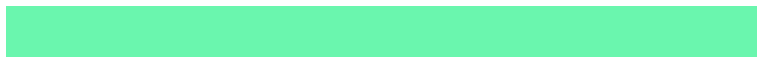
9821951



16758685

# Complementary

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



7009966



16149170

# 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.



16756434



7009966



15911423

# Square

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



7009966



61183



16758271



16763510

# Rectangle

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



7009966



63999



16758271



16757422

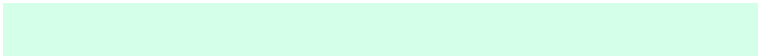


# Sweetspot

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



7009966



13959145



11728490



6717554



0



8421504



# Same Dimension

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



7009966



5439398



7010036



7240308



47706



15132



# Inverse Universe

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



16149170



16732843



16149100



8023668



12189792

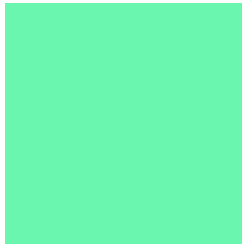


3866654



# Previews

## White Background



This preview shows how the Decimal color 7009966 looks on a white background.

## Color Contrast Check

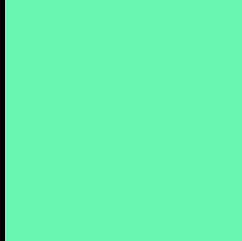
Large Text (above 18pt) WCAG AA × Fail

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 7009966 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

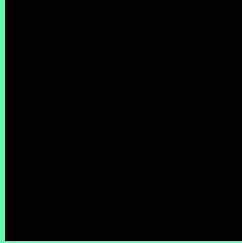
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

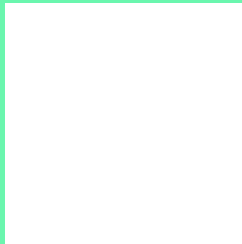
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7009966 Background



This preview shows how black text looks on a background with the Decimal color 7009966.



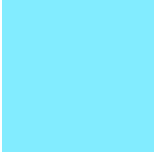
This preview shows how white text looks on a background with the Decimal color 7009966.

# 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**  
8580351

# Trichromacy



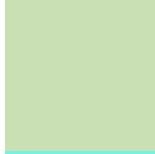
**Original Color**

7009966



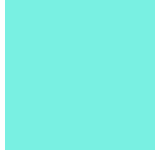
**Protanomaly**

12379558



**Deuteranomaly**

13164723



**Tritanomaly**

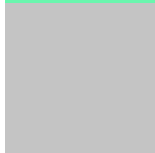
7991522

# Monochromacy



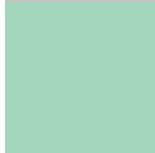
**Original Color**

7009966



**Achromatopsia**

12895428



**Achromatomaly**

10737340

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7009966 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 #6AF6AE looks like.

```
.text, #text, p{  
    color:#6AF6AE  
}
```

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 #6AF6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF6AE }  
}
```

## Border

The CSS property to change the border of an element to Decimal 7009966 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 #6AF6AE }  
}
```

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

```
.border{ border-color:#6AF6AE }
```

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

Here you see how a box with a 4 pixel #6AF6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF6AE; -webkit-box-shadow:4px 4px  
4px 4px #6AF6AE; box-shadow:4px 4px 4px  
4px #6AF6AE }
```

# Background

The CSS property to change the background color of an element to Decimal 7009966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF6AE }
```

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

```
.background{ background-color:#6AF6AE }
```

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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