

Converting Colors

Decimal(7008970)

Have a look what the booklet for
Decimal(7008970) contains.

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Color

Decimal(7008970)

Conversions

Conversions Part 1

Format	Color
Hex	6AF2CA
RGB	106, 242, 202
RGB Percent	42%, 95%, 79%
CMY	0.5843, 0.0510, 0.2078
CMYK	0.56, 0.00, 0.17, 0.05
HSL	162°, 84%, 68%
HSV	162°, 56%, 95%
XYZ	48.3567, 70.8327, 67.0005
YIQ	196.7760, -68.2160, -41.2720

Conversions

Conversions Part 2

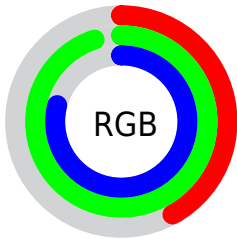
Format	Color
RYB	106, 186, 242
Decimal	7008970
CIELab	87.40, -46.55, 8.17
CIELCh	87, 47.261, 170.046
Yxy	70.8327, 0.2597, 0.3804
Android (android.graphics.Color)	4285199050 (0xFF6AF2CA)
YUV	196.7760, 2.5754, -79.6106
Hunter-Lab	84.1622, -44.7239, 11.7134

Details

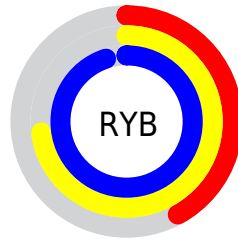
The Decimal color **7008970** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **15886994**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **11010047**, and **2144660** is the 20% darker color. If you saturate the color by 10%, you get **5436099**, and if you desaturate by 10%, it is **8581841**.

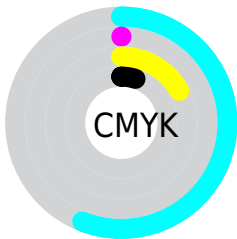
Distribution



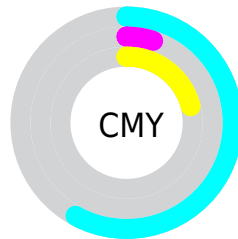
- Red (42%)
- Green (95%)
- Blue (79%)



- Red (42%)
- Yellow (73%)
- Blue (95%)



- Cyan (56%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (58%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7008970 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 7008970 by changing the saturation by 10% instead.

 7008970

 7008970

16777215

 4838831

 11010047

 2144660

 12976127

 40570

 14942207

 33633

 26954

 20531

 14110

 8454

 0

 7008970

 7008970


 5436099

 8581841

 3863228

 10154712

 2224821

 11793119

 651950

 13365990

 62123

 14938862

 16511733

 16773884

 16773887

Harmonies

Analogous

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



10939552



7008970



979960

Triad

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



7008970



13293055



16762008

Complementary

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



7008970



15886994

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.



16759230



7008970



16762367

Square

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



7008970



8250623



16759276



16765826

Rectangle

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



7008970



61695



16759276



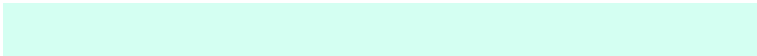
16760739

Sweetspot

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



7008970



13959154



9695850



6717560



0



8421504

Same Dimension

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



7008970



5570509



7002098



7108724



47234



14376

Inverse Universe

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



15886994



16733318



15893866



7892079



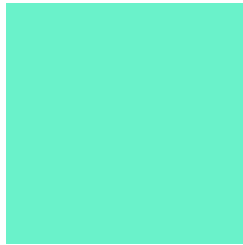
12058678



3670032

Previews

White Background



This preview shows how the Decimal color 7008970 looks on a white background.

Color Contrast Check

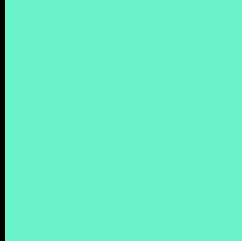
Large Text (above 18pt) WCAG AA × Fail

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 7008970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

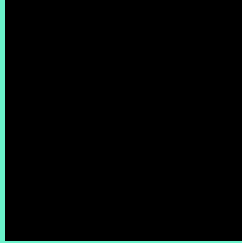
Any Text WCAG AA ✓ Pass

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 7008970 Background



This preview shows how black text looks on a background with the Decimal color 7008970.




This preview shows how white text looks on a background with the Decimal color 7008970.

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
8121342

Trichromacy



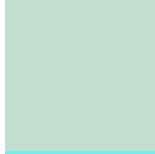
Original Color

7008970



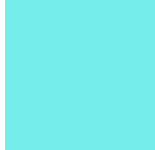
Protanomaly

12116674



Deuteranomaly

12705486



Tritanomaly

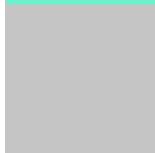
7728875

Monochromacy



Original Color

7008970



Achromatopsia

12961221



Achromatomaly

10802631

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7008970 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 #6AF2CA looks like.

```
.text, #text, p{  
    color:#6AF2CA  
}
```

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 #6AF2CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AF2CA
}
```

Border

The CSS property to change the border of an element to Decimal 7008970 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
#6AF2CA }
```

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

```
.border{ border-color:#6AF2CA }
```

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

Here you see how a box with a 4 pixel #6AF2CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AF2CA; -webkit-box-shadow:4px 4px  
4px 4px #6AF2CA; box-shadow:4px 4px 4px  
4px #6AF2CA }
```

Background

The CSS property to change the background color of an element to Decimal 7008970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AF2CA }
```

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

```
.background{ background-color:#6AF2CA }
```

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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