

Converting Colors

Decimal(6946003)

Have a look what the booklet for
Decimal(6946003) contains.

Decimal(6946003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6946003)

Conversions

Conversions Part 1

Format	Color
Hex	69FCD3
RGB	105, 252, 211
RGB Percent	41%, 99%, 83%
CMY	0.5882, 0.0118, 0.1725
CMYK	0.58, 0.00, 0.16, 0.01
HSL	163°, 96%, 70%
HSV	163°, 58%, 99%
XYZ	52.3940, 77.3272, 73.7922
YIQ	203.3730, -74.4510, -43.9150

Conversions

Conversions Part 2

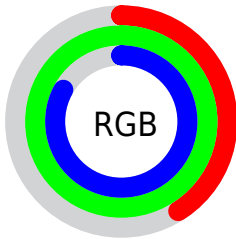
Format	Color
RYB	105, 190, 252
Decimal	6946003
CIELab	90.47, -48.96, 7.90
CIELCh	90, 49.595, 170.839
Yxy	77.3272, 0.2574, 0.3800
Android (android.graphics.Color)	4285136083 (0xFF69FCD3)
YUV	203.3730, 3.7601, -86.2731
Hunter-Lab	87.9359, -47.5339, 11.8014

Details

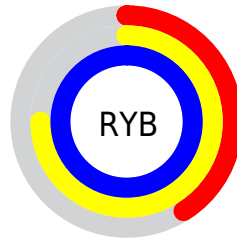
The Decimal color **6946003** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **16542098**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **11010047**, and **1557405** is the 20% darker color. If you saturate the color by 10%, you get **5307596**, and if you desaturate by 10%, it is **8584410**.

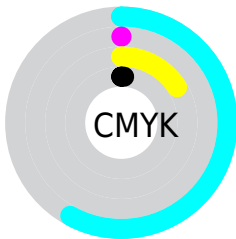
Distribution



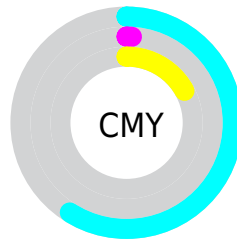
- Red (41%)
- Green (99%)
- Blue (83%)



- Red (41%)
- Yellow (75%)
- Blue (99%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (1%)



- Cyan (59%)
- Magenta (1%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6946003 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 6946003 by changing the saturation by 10% instead.

 6946003

 6946003

16777215

 4710327

 11010047

 1557405

 13041663

 42882

 15007743

 35945

 29009

 22586

 16165

 10512

 768

■ 6946003

■ 6946003

■ 5307596

■ 8584410

■ 3669189

■ 10222817

■ 1965246

■ 11926760

■ 326839

■ 13565167

■ 64694

■ 15203574

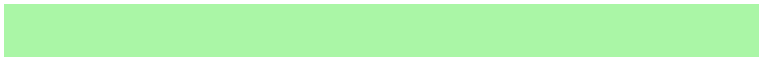
■ 16776445

■ 16776447

Harmonies

Analogous

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



11204262



6946003



65023

Triad

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



6946003



13884927



16763804

Complementary

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



6946003



16542098

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.



16761028



6946003



16763903

Square

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



6946003



8515071



16761076



16768133

Rectangle

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



6946003



64255



16761076



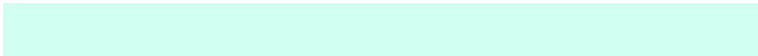
16762792

Sweetspot

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



6946003



13762546



9698409



6520952



0



8421504

Same Dimension

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



6946003



5111757



6937852



7372153



48520



15660

Inverse Universe

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



16542098



16731518



16550249



8220788



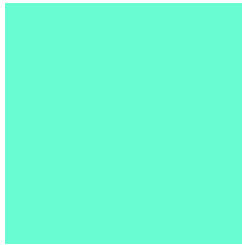
12386357



3997713

Previews

White Background



This preview shows how the Decimal color 6946003 looks on a white background.

Color Contrast Check

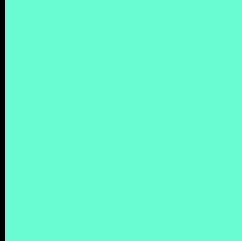
Large Text (above 18pt) WCAG AA × Fail

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 6946003 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

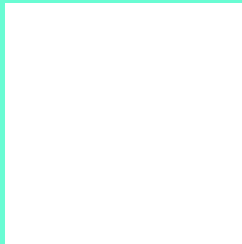
Any Text WCAG AAA ✓ Pass

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

Decimal 6946003 Background



This preview shows how black text looks on a background with the Decimal color 6946003.

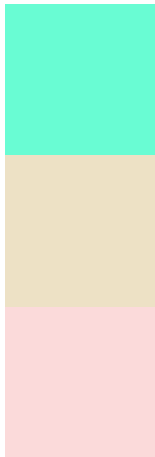


This preview shows how white text looks on a background with the Decimal color 6946003.

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



Original Color
6946003

Protanopia
15589829

Deuteranopia
16505562

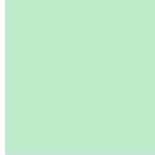


Tritanopia
10416383

Trichromacy



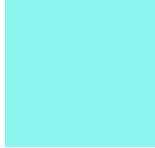
Original Color
6946003



Protanomaly
12446666



Deuteranomaly
13035223

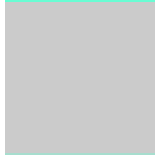


Tritanomaly
9172207

Monochromacy



Original Color
6946003



Achromatopsia
13355979



Achromatomaly
11001294

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6946003 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 #69FCD3 looks like.

```
.text, #text, p{  
    color:#69FCD3  
}
```

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 #69FCD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69FCD3
}
```

Border

The CSS property to change the border of an element to Decimal 6946003 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
#69FCD3 }
```

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

```
.border{ border-color:#69FCD3 }
```

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

Here you see how a box with a 4 pixel #69FCD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69FCD3; -webkit-box-shadow:4px 4px  
4px 4px #69FCD3; box-shadow:4px 4px 4px  
4px #69FCD3 }
```

Background

The CSS property to change the background color of an element to Decimal 6946003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69FCD3 }
```

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

```
.background{ background-color:#69FCD3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor