

# Converting Colors

Decimal(7071937)

Have a look what the booklet for  
Decimal(7071937) contains.

<b>Decimal(7071937)</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(7071937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE8C1
RGB	107, 232, 193
RGB Percent	42%, 91%, 76%
CMY	0.5804, 0.0902, 0.2431
CMYK	0.54, 0.00, 0.17, 0.09
HSL	161°, 73%, 66%
HSV	161°, 54%, 91%
XYZ	44.5457, 64.6893, 60.5906
YIQ	190.1790, -61.9810, -38.6290

# Conversions

## Conversions Part 2

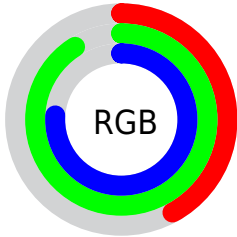
Format	Color
<a href="#">RYB</a>	<a href="#">107, 181, 232</a>
Decimal	<a href="#">7071937</a>
CIELab	<a href="#">84.32, -44.05, 8.47</a>
CIELCh	<a href="#">84, 44.853, 169.119</a>
Yxy	<a href="#">64.6893, 0.2623, 0.3809</a>
Android (android.graphics.Color)	<a href="#">4285262017 (0xFF6BE8C1)</a>
YUV	<a href="#">190.1790, 1.3908, -72.9480</a>
Hunter-Lab	<a href="#">80.4296, -41.8903, 11.6355</a>

# Details

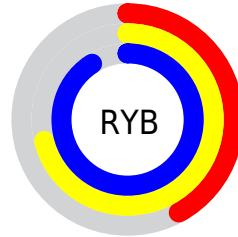
The Decimal color **7071937** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **15231890**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **10944505**, and **2601099** is the 20% darker color. If you saturate the color by 10%, you get **5564602**, and if you desaturate by 10%, it is **8579272**.

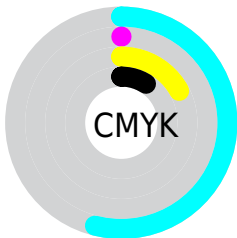
# Distribution



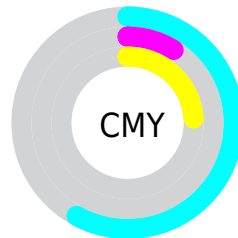
- Red (42%)
- Green (91%)
- Blue (76%)



- Red (42%)
- Yellow (71%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7071937 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 7071937 by changing the saturation by 10% instead.



7071937

7071937

16777215

5032870

10944505

2601099

12910591

38002

14876671

31321

24642

18476

12311

6144

0

 7071937

 7071937

 5564602

 8579272

 4057267

 10086607

 2484395

 11659479

 977060

 13166814

 59552

 14674149

 16181484

 16771316

 16771323

 16771327

# Harmonies

## Analogous

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



10740378



7071937



2550253

# Triad

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



7071937



12701183



16759956

# Complementary

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



7071937



15231890

# 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.



16757433



7071937



16301823

# Square

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



7071937



7986175



16757732



16567167

# Rectangle

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



7071937



387071



16757732



16758943

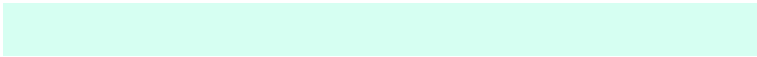


# Sweetspot

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



7071937



14090226



9693291



6783096



0



8421504



# Same Dimension

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



7071937



5898187



7066088



6779759



45947



13091



# Inverse Universe

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



15231890



16734605



15237739



7563115



11731000

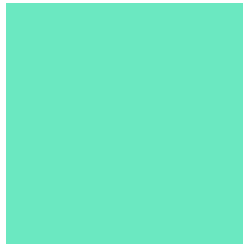


3342352



# Previews

## White Background



This preview shows how the Decimal color 7071937 looks on a white background.

## Color Contrast Check

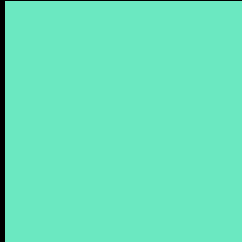
Large Text (above 18pt) WCAG AA × Fail

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 7071937 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

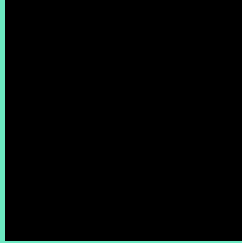
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

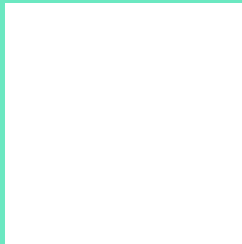
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 7071937 Background



This preview shows how black text looks on a background with the Decimal color 7071937.



This preview shows how white text looks on a background with the Decimal color 7071937.

# 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**  
8118771

# Trichromacy



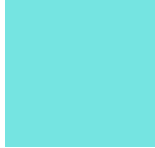
**Original Color**  
7071937



**Protanomaly**  
11721145



**Deuteranomaly**  
12309957

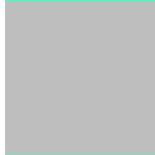


**Tritanomaly**  
7726305

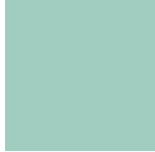
# Monochromacy



**Original Color**  
7071937



**Achromatopsia**  
12500670



**Achromatomaly**  
10538431

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7071937 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 #6BE8C1 looks like.

```
.text, #text, p{  
  color:#6BE8C1  
}
```

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 #6BE8C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE8C1
}
```

## Border

The CSS property to change the border of an element to Decimal 7071937 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
#6BE8C1 }
```

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

```
.border{ border-color:#6BE8C1 }
```

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

Here you see how a box with a 4 pixel #6BE8C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE8C1; -webkit-box-shadow:4px 4px  
4px 4px #6BE8C1; box-shadow:4px 4px 4px  
4px #6BE8C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 7071937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE8C1 }
```

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

```
.background{ background-color:#6BE8C1 }
```

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