

# Converting Colors

Decimal(7462593)

Have a look what the booklet for  
Decimal(7462593) contains.

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**Color**

**Decimal(7462593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71DEC1
RGB	113, 222, 193
RGB Percent	44%, 87%, 76%
CMY	0.5569, 0.1294, 0.2431
CMYK	0.49, 0.00, 0.13, 0.13
HSL	164°, 62%, 66%
HSV	164°, 49%, 87%
XYZ	42.5570, 59.6035, 59.7137
YIQ	186.1030, -55.6550, -32.1270

# Conversions

## Conversions Part 2

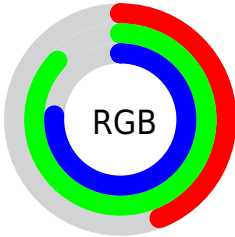
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">113, 176, 222</a>
Decimal	<a href="#">7462593</a>
CIELab	<a href="#">81.62, -38.27, 4.61</a>
CIELCh	<a href="#">82, 38.548, 173.136</a>
Yxy	<a href="#">59.6035, 0.2629, 0.3682</a>
Android (android.graphics.Color)	<a href="#">4285652673 (0xFF71DEC1)</a>
YUV	<a href="#">186.1030, 3.4002, -64.1113</a>
Hunter-Lab	<a href="#">77.2033, -36.7108, 8.1838</a>

# Details

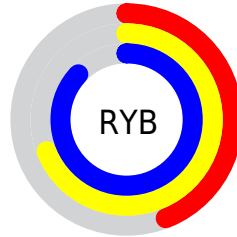
The Decimal color **7462593** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14578062**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **11272185**, and **3450508** is the 20% darker color. If you saturate the color by 10%, you get **6020795**, and if you desaturate by 10%, it is **8904391**.

# Distribution



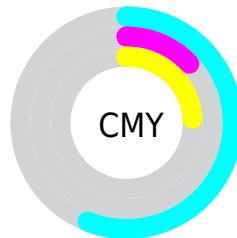
- Red (44%)
- Green (87%)
- Blue (76%)



- Red (44%)
- Yellow (69%)
- Blue (87%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (56%)
- Magenta (13%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7462593 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 7462593 by changing the saturation by 10% instead.



7462593

7462593

16777215

5554854

11272185

3450508

13172735

101234

15138815

29018

22594

16428

10776

2816

0

 7462593

 7462593

 6020795

 8904391

 4578997

 10346189

 3071663

 11853523

 1629865

 13295321

 188067

 14737119

 56995

 16178916

 16768746

 16768752

 16768758

# Harmonies

## Analogous

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



10345118



7462593



5103334

# Triad

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



7462593



12895743



16759442

# Complementary

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



7462593



14578062

# 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.



16757168



7462593



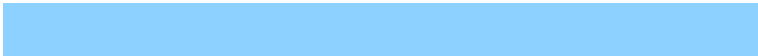
15841527

# Square

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



7462593



9228799



16756949



15451779

# Rectangle

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



7462593



5102843



16756949



16758427

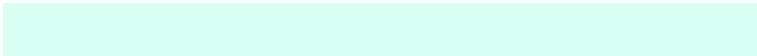


# Sweetspot

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



7462593



14286837



9363057



6914169



0



8421504



# Same Dimension

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



7462593



6946775



7456222



6647917



45185



12324



# Inverse Universe

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



14578062



16738705



14584433



7365992



11534383



3145741



# Previews

## White Background



This preview shows how the Decimal color 7462593 looks on a white background.

## Color Contrast Check

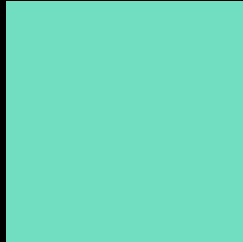
Large Text (above 18pt) WCAG AA × Fail

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 7462593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

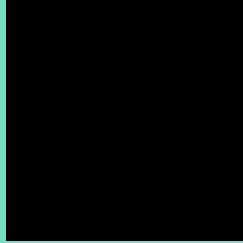
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7462593 Background



This preview shows how black text looks on a background with the Decimal color 7462593.

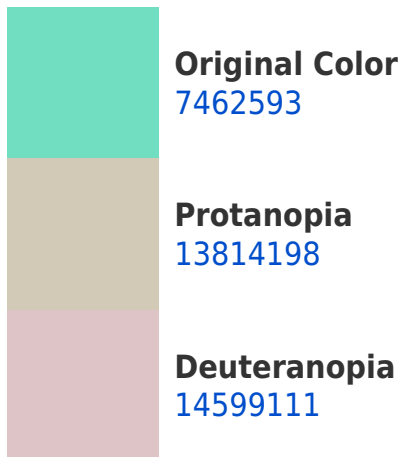


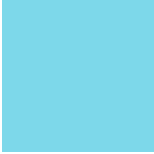
This preview shows how white text looks on a background with the Decimal color 7462593.

# 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





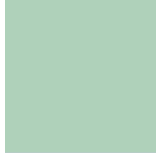
**Tritanopia**  
8247530

# Trichromacy



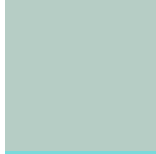
**Original Color**

7462593



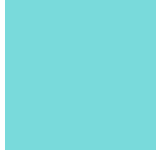
**Protanomaly**

11522490



**Deuteranomaly**

11980229



**Tritanomaly**

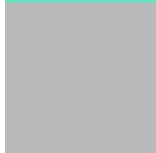
7985883

# Monochromacy



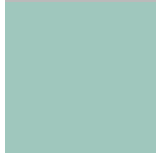
**Original Color**

7462593



**Achromatopsia**

12237498



**Achromatomaly**

10471357

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7462593 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 #71DEC1 looks like.

```
.text, #text, p{  
    color:#71DEC1  
}
```

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 #71DEC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71DEC1
}
```

## Border

The CSS property to change the border of an element to Decimal 7462593 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
#71DEC1 }
```

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

```
.border{ border-color:#71DEC1 }
```

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

Here you see how a box with a 4 pixel #71DEC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71DEC1; -webkit-box-shadow:4px 4px  
4px 4px #71DEC1; box-shadow:4px 4px 4px  
4px #71DEC1 }
```

# Background

The CSS property to change the background color of an element to Decimal 7462593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71DEC1 }
```

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

```
.background{ background-color:#71DEC1 }
```

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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