

# Converting Colors

Decimal(7587783)

Have a look what the booklet for  
Decimal(7587783) contains.

<b>Decimal(7587783)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Decimal(7587783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73C7C7
RGB	115, 199, 199
RGB Percent	45%, 78%, 78%
CMY	0.5490, 0.2196, 0.2196
CMYK	0.42, 0.00, 0.00, 0.22
HSL	180°, 43%, 62%
HSV	180°, 42%, 78%
XYZ	37.8025, 48.6152, 61.4241
YIQ	173.8840, -50.0640, -17.8080

# Conversions

## Conversions Part 2

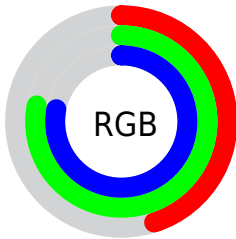
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 157, 199
Decimal	7587783
CIELab	75.21, -25.45, -7.99
CIELCh	75, 26.675, 197.440
Yxy	48.6152, 0.2557, 0.3288
Android (android.graphics.Color)	4285777863 (0xFF73C7C7)
YUV	173.8840, 12.3822, -51.6413
Hunter-Lab	69.7246, -25.2411, -3.4245

# Details

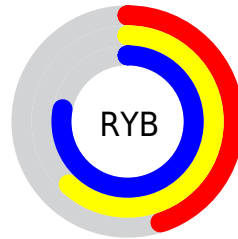
The Decimal color **7587783** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13071219**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **11272191**, and **3838353** is the 20% darker color. If you saturate the color by 10%, you get **6277063**, and if you desaturate by 10%, it is **8898503**.

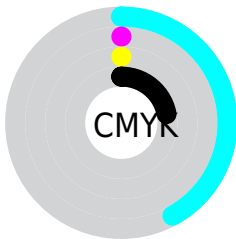
# Distribution



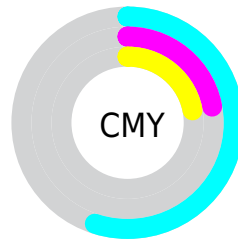
- Red (45%)
- Green (78%)
- Blue (78%)



- Red (45%)
- Yellow (62%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7587783 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 7587783 by changing the saturation by 10% instead.



 7587783


 7587783

16777215

 5745836

 11272191

 3838353

 13172735

 1537912

 15073279

 24159

 17991

 12081

 7196

 0

 7587783

 7587783

■ 6277063

■ 8898503

■ 4966343

■ 10209223

■ 3655623

■ 11519943

■ 2344903

■ 12830663

■ 1099719

■ 14141383

■ 51143

■ 15386567

■ 16697287

■ 16762823

# Harmonies

## Analogous

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



8767150



7587783



7718109

# Triad

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



7587783



13545179



14005386

# Complementary

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



7587783



13071219

# 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.



15117462



7587783



14985413

# Square

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



7587783



11515880



15444140



12369034

# Rectangle

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



7587783



8634854



15444140



14397836



# Sweetspot

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



7587783



14614527



7587699



7045248



0



8421504



# Same Dimension

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



7587783



8257535



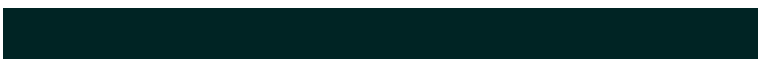
7577031



5923683



41891



9252



# Inverse Universe

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



13071303



16743935



13081971



6511203



10682531

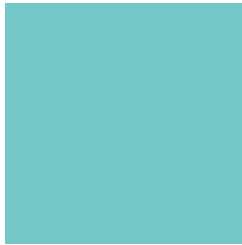


2359332



# Previews

## White Background



This preview shows how the Decimal color 7587783 looks on a white background.

## Color Contrast Check

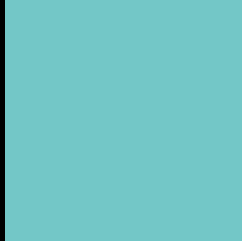
Large Text (above 18pt) WCAG AA × Fail

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 7587783 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

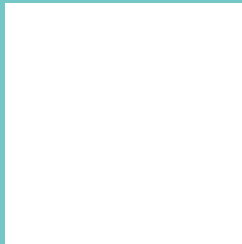
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7587783 Background



This preview shows how black text looks on a background with the Decimal color 7587783.



This preview shows how white text looks on a background with the Decimal color 7587783.

# 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**  
7849429

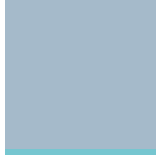
# Trichromacy



**Original Color**  
7587783



**Protanomaly**  
10534337



**Deuteranomaly**  
10861258

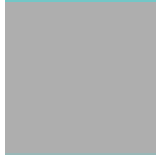


**Tritanomaly**  
7784144

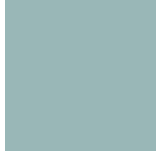
# Monochromacy



**Original Color**  
7587783



**Achromatopsia**  
11447982



**Achromatomaly**  
10074039

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7587783 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 #73C7C7 looks like.

```
.text, #text, p{  
    color:#73C7C7  
}
```

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 #73C7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C7C7
}
```

## Border

The CSS property to change the border of an element to Decimal 7587783 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
#73C7C7 }
```

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

```
.border{ border-color:#73C7C7 }
```

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

Here you see how a box with a 4 pixel `#73C7C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C7C7; -webkit-box-shadow:4px 4px  
4px 4px #73C7C7; box-shadow:4px 4px 4px  
4px #73C7C7 }
```

# Background

The CSS property to change the background color of an element to Decimal 7587783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C7C7 }
```

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

```
.background{ background-color:#73C7C7 }
```

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