

Converting Colors

Decimal(7387331)

Have a look what the booklet for
Decimal(7387331) contains.

Decimal(7387331)	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(7387331)

Conversions

Conversions Part 1

Format	Color
Hex	70B8C3
RGB	112, 184, 195
RGB Percent	44%, 72%, 76%
CMY	0.5608, 0.2784, 0.2353
CMYK	0.43, 0.06, 0.00, 0.24
HSL	188°, 41%, 60%
HSV	188°, 43%, 76%
XYZ	33.6729, 41.6659, 57.8973
YIQ	163.7260, -46.4430, -11.8430

Conversions

Conversions Part 2

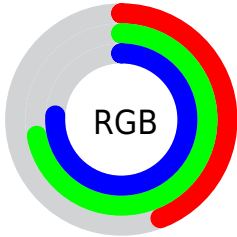
Format	Color
R _Y B	112, 151, 195
Decimal	7387331
CIE Lab	70.64, -19.65, -12.65
CIE LCh	71, 23.373, 212.769
Yxy	41.6659, 0.2527, 0.3127
Android (android.graphics.Color)	4285577411 (0xFF70B8C3)
YUV	163.7260, 15.4181, -45.3637
Hunter-Lab	64.5491, -19.8440, -7.9958

Details

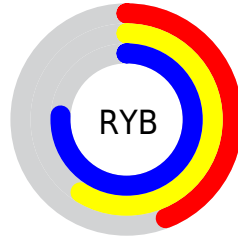
The Decimal color **7387331** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12811120**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **11071740**, and **3703693** is the 20% darker color. If you saturate the color by 10%, you get **6075843**, and if you desaturate by 10%, it is **8698819**.

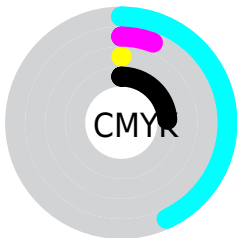
Distribution



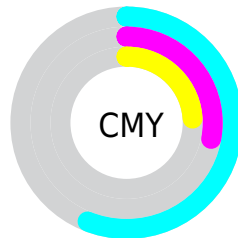
- Red (44%)
- Green (72%)
- Blue (76%)



- Red (44%)
- Yellow (59%)
- Blue (76%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (56%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7387331 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 7387331 by changing the saturation by 10% instead.

 7387331

 7387331

16777215

 5545384

 11071740

 3703693

 12910591

 1534324

 14811135

 20827

 14916

 9262

 1561

 0

 7387331

 7387331

6075843

8698819

4830147

9944515

3518659

11256003

2272963

12501699

961475

13747651

43459

15059139

16304835

16764355

16764867

Harmonies

Analogous

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



7846318



7387331



8172754

Triad

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



7387331



13279425



12299394

Complementary

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



7387331



1281120

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.



13477256



7387331



14130860

Square

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



7387331



11773905



14131095



10728073

Rectangle

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



7387331



9220310



14131095



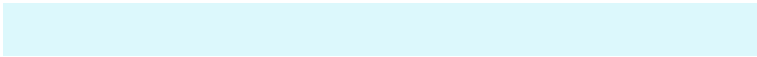
12757635

Sweetspot

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



7387331



14481660



7390074



7044480



0



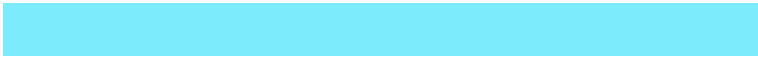
8421504

Same Dimension

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



7387331



8186876



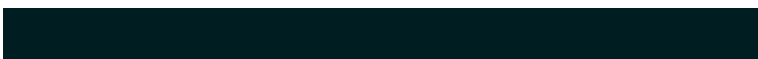
7377091



5726305



35745



7457

Inverse Universe

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



12808376



16547051



12821360



6379360



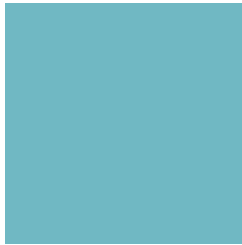
10551435



2162717

Previews

White Background



This preview shows how the Decimal color 7387331 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 7387331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

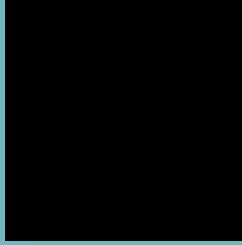
Any Text WCAG AA ✓ Pass

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 7387331 Background



This preview shows how black text looks on a background with the Decimal color 7387331.



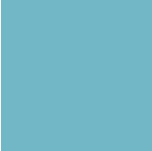
This preview shows how white text looks on a background with the Decimal color 7387331.

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





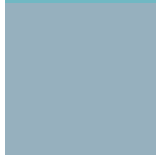
Tritanopia
7452614

Trichromacy



Original Color

7387331



Protanomaly

9875646



Deuteranomaly

10071749



Tritanomaly

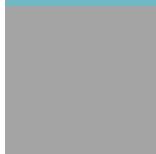
7452613

Monochromacy



Original Color

7387331



Achromatopsia

10790052



Achromatomaly

9546671

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7387331 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 #70B8C3 looks like.

```
.text, #text, p{  
    color:#70B8C3  
}
```

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 #70B8C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B8C3
}
```

Border

The CSS property to change the border of an element to Decimal 7387331 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
#70B8C3 }
```

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

```
.border{ border-color:#70B8C3 }
```

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

Here you see how a box with a 4 pixel #70B8C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B8C3; -webkit-box-shadow:4px 4px  
4px 4px #70B8C3; box-shadow:4px 4px 4px  
4px #70B8C3 }
```

Background

The CSS property to change the background color of an element to Decimal 7387331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B8C3 }
```

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

```
.background{ background-color:#70B8C3 }
```

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