

# Converting Colors

Decimal(7392693)

Have a look what the booklet for  
Decimal(7392693) contains.

<b>Decimal(7392693)</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(7392693)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70CDB5
RGB	112, 205, 181
RGB Percent	44%, 80%, 71%
CMY	0.5608, 0.1961, 0.2902
CMYK	0.45, 0.00, 0.12, 0.20
HSL	165°, 48%, 62%
HSV	165°, 45%, 80%
XYZ	36.8539, 50.4436, 51.5102
YIQ	174.4570, -47.7240, -27.1800

# Conversions

## Conversions Part 2

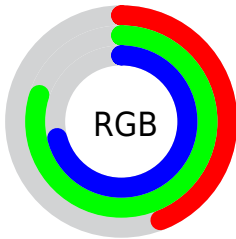
Format	Color
<a href="#">RYB</a>	<a href="#">112, 165, 205</a>
Decimal	<a href="#">7392693</a>
CIELab	<a href="#">76.34, -33.42, 3.37</a>
CIELCh	<a href="#">76, 33.588, 174.242</a>
Yxy	<a href="#">50.4436, 0.2655, 0.3634</a>
Android (android.graphics.Color)	<a href="#">4285582773</a> ( <a href="#">0xFF70CDB5</a> )
YUV	<a href="#">174.4570, 3.2257, -54.7748</a>
Hunter-Lab	<a href="#">71.0236, -31.6684, 6.7162</a>

# Details

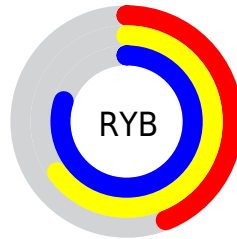
The Decimal color **7392693** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13463688**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **11075565**, and **3643008** is the 20% darker color. If you saturate the color by 10%, you get **6081968**, and if you desaturate by 10%, it is **8703418**.

# Distribution



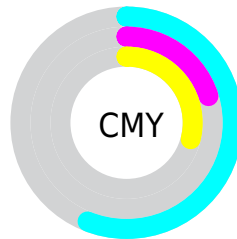
- Red (44%)
- Green (80%)
- Blue (71%)



- Red (44%)
- Yellow (65%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7392693 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 7392693 by changing the saturation by 10% instead.





7392693



7392693

16777215



5550490



11075565



3643008



12976127



1145959



14876671



25423



19000



13091



7949



0



7392693



7392693

■ 6081968

■ 8703418

■ 4705706

■ 10079680

■ 3329445

■ 11455941

■ 2018720

■ 12766666

■ 642459

■ 14142927

■ 52632

■ 15453653

■ 16764378

■ 16764383

■ 16764389

# Harmonies

## Analogous

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



9750935



7392693



5754325

# Triad

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



7392693



12105461



15707787

# Complementary

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



7392693



13463688

# 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.



16426660



7392693



14593249

# Square

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



7392693



9093625



16099012



14137471

# Rectangle

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



7392693



5884903



16099012



16034706

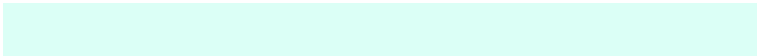


# Sweetspot

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



7392693



14417910



9031024



6979706



0



8421504



# Same Dimension

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



7392693



7733211



7387085



6055523



42619



9756



# Inverse Universe

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



13463688



16741785



13469296



6708318



10879019

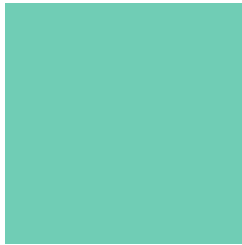


2490378



# Previews

## White Background



This preview shows how the Decimal color 7392693 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 7392693 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

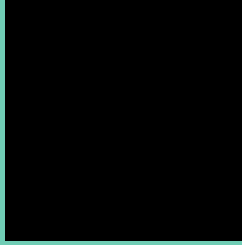
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

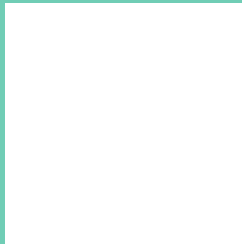
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7392693 Background



This preview shows how black text looks on a background with the Decimal color 7392693.



This preview shows how white text looks on a background with the Decimal color 7392693.

# 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**  
8046808

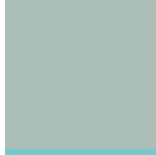
# Trichromacy



**Original Color**  
7392693



**Protanomaly**  
10797743



**Deuteranomaly**  
11321016

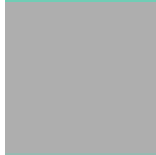


**Tritanomaly**  
7785163

# Monochromacy



**Original Color**  
7392693



**Achromatopsia**  
11447982



**Achromatomaly**  
9943473

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7392693 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 #70CDB5 looks like.

```
.text, #text, p{  
    color:#70CDB5  
}
```

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 #70CDB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CDB5
}
```

## Border

The CSS property to change the border of an element to Decimal 7392693 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
#70CDB5 }
```

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

```
.border{ border-color:#70CDB5 }
```

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

Here you see how a box with a 4 pixel #70CDB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CDB5; -webkit-box-shadow:4px 4px  
4px 4px #70CDB5; box-shadow:4px 4px 4px  
4px #70CDB5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7392693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CDB5 }
```

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

```
.background{ background-color:#70CDB5 }
```

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