

# Converting Colors

Hex(70D6C7)

Have a look what the booklet for  
Hex(70D6C7) contains.

|  |    |
|--|----|
| <b>Hex(70D6C7)</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**

**Hex(70D6C7)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 70D6C7                       |
| RGB         | 112, 214, 199                |
| RGB Percent | 44%, 84%, 78%                |
| CMY         | 0.5608, 0.1608, 0.2196       |
| CMYK        | 0.48, 0.00, 0.07, 0.16       |
| HSL         | 171°, 55%, 64%               |
| HSV         | 171°, 48%, 84%               |
| XYZ         | 41.0375, 55.6614, 62.6137    |
| YIQ         | 181.7920, -55.9770, -26.2890 |

# Conversions

## Conversions Part 2

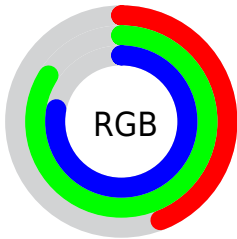
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">112, 167, 214</a>                  |
| Decimal                             | <a href="#">7395015</a>                        |
| CIELab                              | <a href="#">79.42, -33.39, -1.80</a>           |
| CIELCh                              | <a href="#">79, 33.438, 183.081</a>            |
| Yxy                                 | <a href="#">55.6614, 0.2576,<br/>0.3494</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4285585095<br/>(0xFF70D6C7)</a>    |
| YUV                                 | <a href="#">181.7920, 8.4835,<br/>-61.2076</a> |
| Hunter-Lab                          | <a href="#">74.6066, -32.3773,<br/>2.4654</a>  |

# Details

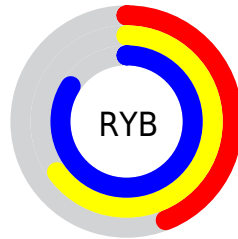
The Hex color **70D6C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D6707F**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFFFF**, and **339F91** is the 20% darker color. If you saturate the color by 10%, you get **5BD6C4**, and if you desaturate by 10%, it is **85D6CA**.

# Distribution



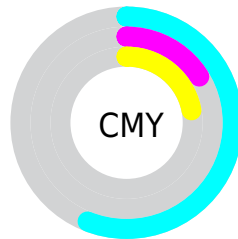
- Red (44%)
- Green (84%)
- Blue (78%)



- Red (44%)
- Yellow (65%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70D6C7 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 Hex color 70D6C7 by changing the saturation by 10% instead.



 70D6C7

 70D6C7


FFFFFF

 53BAAC

 AAFFFF

 339F91

 C7FFFF

 028478

 E4FFFF

 006B5F

 005247

 003A31

 00251C

 000002

 000000

 70D6C7

 70D6C7

 5BD6C4

 85D6CA

 45D6C1

 9BD6CD

 30D6BE

 B0D6D0

 1AD6BA

 C6D6D4

 05D6B7

 DBD6D7

 00D6B7

 F0D6DA

 FFD6DD

 FFD6E0

 FFD6E3

# Harmonies

## Analogous

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



92D3A8



70D6C7



60D5E6

# Triad

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



70D6C7



CDBC9



F2B98E

# Complementary

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



70D6C7



D6707F

# 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.



FFB1A4



70D6C7



EFB2E2

# Square

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



70D6C7



A1C7FF



FFAEC3



D8C486

# Rectangle

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



70D6C7



6AD2F6



FFAEC3



F9B694



# Sweetspot

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



70D6C7



DBFFFA



7FD670



6A807C



000000



808080

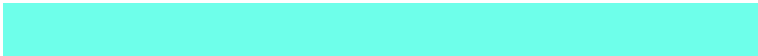


# Same Dimension

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



70D6C7



6EFFEA



70B2D6



606B6A



00AB92



002B25



# Inverse Universe

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



D6707F



FF6E83



D69470



6B6062



AB0019

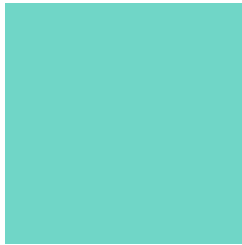


2B0006



# Previews

## White Background



This preview shows how the Hex color 70D6C7 looks on a white background.

## Color Contrast Check

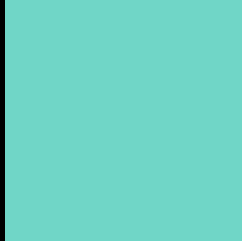
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 70D6C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

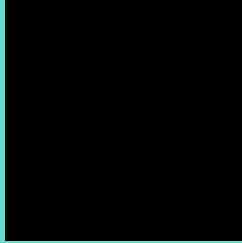
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

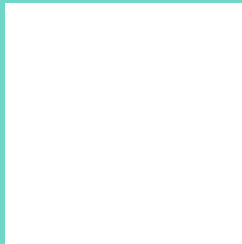
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70D6C7 Background



This preview shows how black text looks on a background with the Hex color 70D6C7.



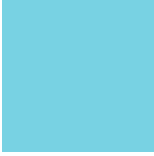
This preview shows how white text looks on a background with the Hex color 70D6C7.

# 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**  
78D2E3

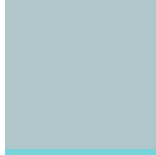
# Trichromacy



**Original Color**  
70D6C7



**Protanomaly**  
A9CAC0



**Deuteranomaly**  
AFC7CA

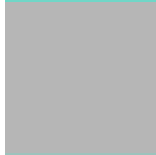


**Tritanomaly**  
75D3D9

# Monochromacy



**Original Color**  
70D6C7



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
9DC2BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70D6C7 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 #70D6C7 looks like.

```
.text, #text, p{  
    color:#70D6C7  
}
```

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 #70D6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D6C7
}
```

## Border

The CSS property to change the border of an element to Hex 70D6C7 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
#70D6C7 }
```

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

```
.border{ border-color:#70D6C7 }
```

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

Here you see how a box with a 4 pixel #70D6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D6C7; -webkit-box-shadow:4px 4px  
4px 4px #70D6C7; box-shadow:4px 4px 4px  
4px #70D6C7 }
```

# Background

The CSS property to change the background color of an element to Hex 70D6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D6C7 }
```

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

```
.background{ background-color:#70D6C7 }
```

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