

Converting Colors

Hex(70D3D6)

Have a look what the booklet for
Hex(70D3D6) contains.

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Color

Hex(70D3D6)

Conversions

Conversions Part 1

Format	Color
Hex	70D3D6
RGB	112, 211, 214
RGB Percent	44%, 83%, 84%
CMY	0.5608, 0.1725, 0.1608
CMYK	0.48, 0.01, 0.00, 0.16
HSL	182°, 55%, 64%
HSV	182°, 48%, 84%
XYZ	42.1140, 54.8883, 71.9932
YIQ	181.7410, -59.9670, -20.0550

Conversions

Conversions Part 2

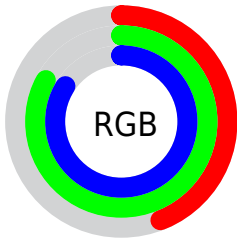
Format	Color
R _Y B	112, 162, 214
Decimal	7394262
CIE Lab	78.98, -28.20, -10.48
CIE LCh	79, 30.087, 200.393
Yxy	54.8883, 0.2492, 0.3248
Android (android.graphics.Color)	4285584342 (0xFF70D3D6)
YUV	181.7410, 15.9037, -61.1629
Hunter-Lab	74.0866, -28.1848, -5.7540

Details

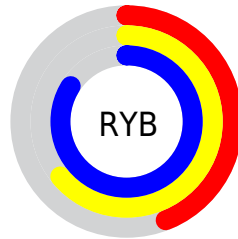
The Hex color **70D3D6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D67370**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AAFFFF**, and **329C9F** is the 20% darker color. If you saturate the color by 10%, you get **5BD2D6**, and if you desaturate by 10%, it is **85D4D6**.

Distribution



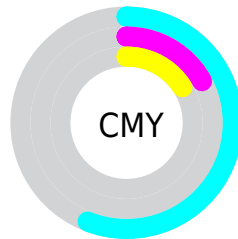
- Red (44%)
- Green (83%)
- Blue (84%)



- Red (44%)
- Yellow (64%)
- Blue (84%)



- Cyan (48%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D3D6 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 70D3D6 by changing the saturation by 10% instead.

 70D3D6

 70D3D6

FFFFFF

 52B7BA

 AAFFFF

 329C9F

 C7FFFF

 008285

 E5FFFF

 00686C

 005054

 00383D

 002327

 000113

 000000

70D3D6

70D3D6

5BD2D6

85D4D6

45D2D6

9BD4D6

30D1D6

B0D5D6

1AD0D6

C6D6D6

05D0D6

DBD6D6

00D0D6

F0D7D6

FFD7D6

FFD8D6

FFD9D6

Harmonies

Analogous

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



85D3B9



70D3D6



75D0EE

Triad

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



70D3D6



DFB6E7



E0BF8D

Complementary

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



70D3D6



D67370

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.



F4B69A



70D3D6



F5B0CE

Square

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



70D3D6



BCC0F8



FCB0B1



C4C88F

Rectangle

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



70D3D6



87CCF8



FCB0B1



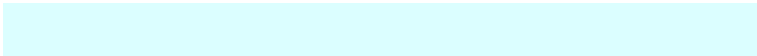
E8BB8F

Sweetspot

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



70D3D6



DBFEFF



70D672



6A7F80



000000



808080

Same Dimension

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



70D3D6



6EFBFF



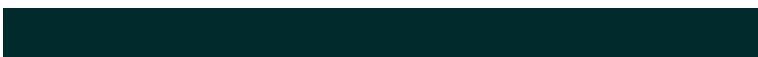
70A1D6



606B6B



00A6AB



002A2B

Inverse Universe

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



D670D3



FF6EFB



D6A570



6B606B



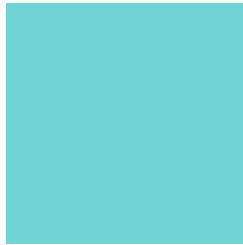
AB00A6



2B002A

Previews

White Background



This preview shows how the Hex color 70D3D6 looks on a white background.

Color Contrast Check

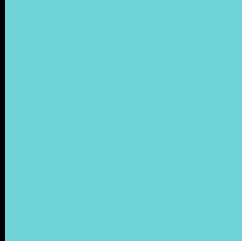
Large Text (above 18pt) WCAG AA × Fail

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 70D3D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

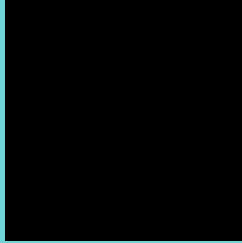
Any Text WCAG AA ✓ Pass

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 70D3D6 Background



This preview shows how black text looks on a background with the Hex color 70D3D6.

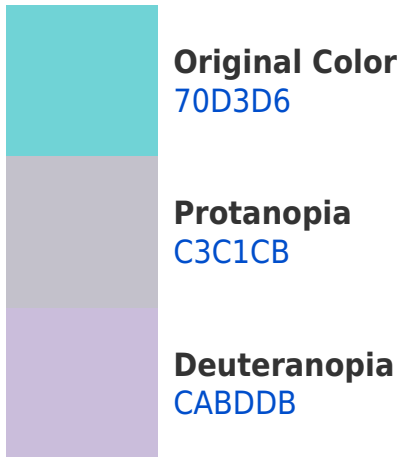


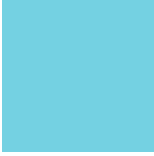
This preview shows how white text looks on a background with the Hex color 70D3D6.

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
74D1E2

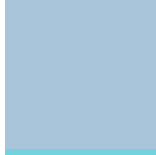
Trichromacy



Original Color
70D3D6



Protanomaly
A5C8CF



Deuteranomaly
A9C5D9

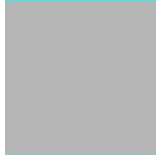


Tritanomaly
73D2DE

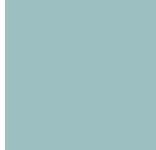
Monochromacy



Original Color
70D3D6



Achromatopsia
B6B6B6



Achromatomaly
9DC1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 70D3D6 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 #70D3D6 looks like.

```
.text, #text, p{  
    color:#70D3D6  
}
```

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 #70D3D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D3D6
}
```

Border

The CSS property to change the border of an element to Hex 70D3D6 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
#70D3D6 }
```

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

```
.border{ border-color:#70D3D6 }
```

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

Here you see how a box with a 4 pixel #70D3D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D3D6; -webkit-box-shadow:4px 4px  
4px 4px #70D3D6; box-shadow:4px 4px 4px  
4px #70D3D6 }
```

Background

The CSS property to change the background color of an element to Hex 70D3D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D3D6 }
```

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

```
.background{ background-color:#70D3D6 }
```

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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