

Converting Colors

Hex(70D4B6)

Have a look what the booklet for
Hex(70D4B6) contains.

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Color

Hex(70D4B6)

Conversions

Conversions Part 1

Format	Color
Hex	70D4B6
RGB	112, 212, 182
RGB Percent	44%, 83%, 71%
CMY	0.5608, 0.1686, 0.2863
CMYK	0.47, 0.00, 0.14, 0.17
HSL	162°, 54%, 64%
HSV	162°, 47%, 83%
XYZ	38.6691, 53.9091, 52.6234
YIQ	178.6800, -49.9700, -30.5300

Conversions

Conversions Part 2

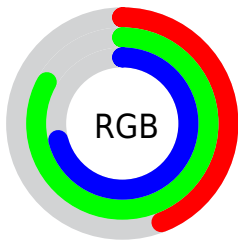
Format	Color
RYB	112, 171, 212
Decimal	7394486
CIELab	78.41, -36.44, 5.82
CIElCh	78, 36.904, 170.925
Yxy	53.9091, 0.2663, 0.3713
Android (android.graphics.Color)	4285584566 (0xFF70D4B6)
YUV	178.6800, 1.6368, -58.4784
Hunter-Lab	73.4228, -34.4806, 8.9018

Details

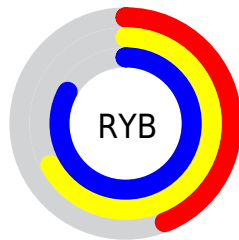
The Hex color **70D4B6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D4708E**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A9FFEE**, and **359D81** is the 20% darker color. If you saturate the color by 10%, you get **5BD4B0**, and if you desaturate by 10%, it is **85D4BC**.

Distribution



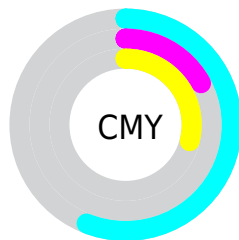
- Red (44%)
- Green (83%)
- Blue (71%)



- Red (44%)
- Yellow (67%)
- Blue (83%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)



- Cyan (56%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70D4B6 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 70D4B6 by changing the saturation by 10% instead.

 70D4B6

 70D4B6

FFFFFF

 53B89B

 A9FFEE

 359D81

 C6FFFF

 0B8268

 E3FFFF

 006950

 005039

 003824

 00240E

 000000

 70D4B6

 70D4B6

 5BD4B0

 85D4BC

 46D4A9

 9AD4C3

 30D4A3

 B0D4C9

 1BD49D

 C5D4CF

 06D496

 DAD4D6

 00D494

 EFD4DC

 FFD4E3

 FFD4E9

 FFD4EF

Harmonies

Analogous

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



9AD096



70D4B6



4DD4D9

Triad

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



70D4B6



B8BDFE



FCB18E

Complementary

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



70D4B6



D4708E

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.



FFA9AB



70D4B6



E3B1EE

Square

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



70D4B6



82C8FF



FEA9CE



E3BC7E

Rectangle

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



70D4B6



4BD2EE



FEA9CE



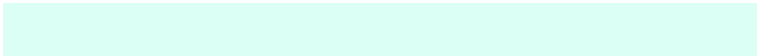
FFAE97

Sweetspot

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



70D4B6



DBFFF4



8ED470



6A8079



000000



808080

Same Dimension

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



70D4B6



6EFFD3



70C0D4



606B68



00AB78



002B1E

Inverse Universe

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



D4708E



FF6E99



D48470



6B6064



AB0033



2B000D

Previews

White Background



This preview shows how the Hex color 70D4B6 looks on a white background.

Color Contrast Check

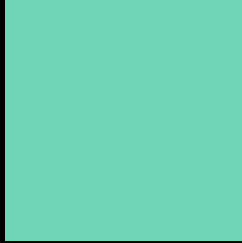
Large Text (above 18pt) WCAG AA × Fail

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 70D4B6 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 70D4B6 Background



This preview shows how black text looks on a background with the Hex color 70D4B6.

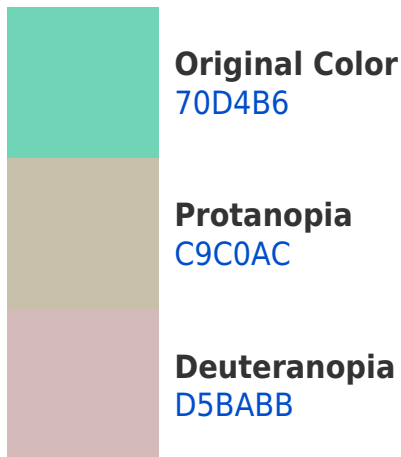


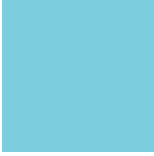
This preview shows how white text looks on a background with the Hex color 70D4B6.

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
7CCEDF

Trichromacy



Original Color
70D4B6



Protanomaly
A9C7B0



Deuteranomaly
B0C3B9

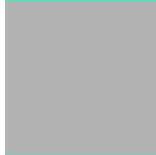


Tritanomaly
78D0D0

Monochromacy



Original Color
70D4B6



Achromatopsia
B3B3B3



Achromatomaly
9BBFB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 70D4B6 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 #70D4B6 looks like.

```
.text, #text, p{  
  color:#70D4B6  
}
```

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 #70D4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70D4B6
}
```

Border

The CSS property to change the border of an element to Hex 70D4B6 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
#70D4B6 }
```

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

```
.border{ border-color:#70D4B6 }
```

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

Here you see how a box with a 4 pixel #70D4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70D4B6; -webkit-box-shadow:4px 4px  
4px 4px #70D4B6; box-shadow:4px 4px 4px  
4px #70D4B6 }
```

Background

The CSS property to change the background color of an element to Hex 70D4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70D4B6 }
```

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

```
.background{ background-color:#70D4B6 }
```

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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