

Converting Colors

Hex(75D0B6)

Have a look what the booklet for
Hex(75D0B6) contains.

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Color

Hex(75D0B6)

Conversions

Conversions Part 1

Format	Color
Hex	75D0B6
RGB	117, 208, 182
RGB Percent	46%, 82%, 71%
CMY	0.5412, 0.1843, 0.2863
CMYK	0.44, 0.00, 0.12, 0.18
HSL	163°, 49%, 64%
HSV	163°, 44%, 82%
XYZ	38.3355, 52.2711, 52.3248
YIQ	177.8270, -45.8900, -27.3780

Conversions

Conversions Part 2

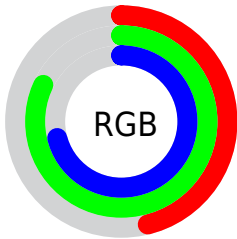
Format	Color
RYB	117, 170, 208
Decimal	7721142
CIELab	77.44, -33.35, 4.45
CIElCh	77, 33.643, 172.395
Yxy	52.2711, 0.2682, 0.3657
Android (android.graphics.Color)	4285911222 (0xFF75D0B6)
YUV	177.8270, 2.0573, -53.3453
Hunter-Lab	72.2987, -31.8754, 7.6991

Details

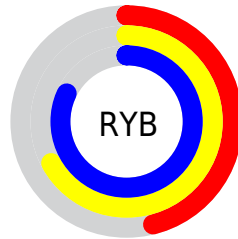
The Hex color **75D0B6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D0758F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **ADFFEE**, and **3C9981** is the 20% darker color. If you saturate the color by 10%, you get **60D0B0**, and if you desaturate by 10%, it is **8AD0BC**.

Distribution



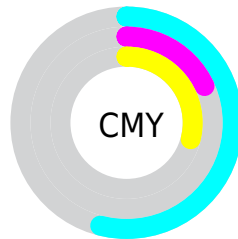
- Red (46%)
- Green (82%)
- Blue (71%)



- Red (46%)
- Yellow (67%)
- Blue (82%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (54%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D0B6 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 75D0B6 by changing the saturation by 10% instead.



75D0B6



75D0B6

FFFFFF



59B49B



ADFFEE



3C9981



CAFFFF



1B7F68



E7FFFF



006550



004D39



003524



00220E



000000



75D0B6



75D0B6

 60D0B0

 8AD0BC

 4BD0AA

 9FD0C2

 37D0A4

 B3D0C8

 22D09E

 C8D0CE

 0DD098

 DDD0D4

 00D095

 F2D0DA

 FFD0E0

 FFD0E6

 FFD0EB

Harmonies

Analogous

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



99CC98



75D0B6



5BD0D6

Triad

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



75D0B6



B9BAF9



F4B08F

Complementary

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



75D0B6



D0758F

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.



FEA9A9



75D0B6



DFAFE6

Square

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



75D0B6



8AC5FD



F7A9C9



DCBB82

Rectangle

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



75D0B6



5BCEE8



F7A9C9



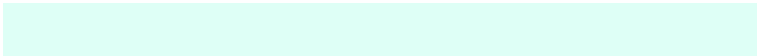
F9AD97

Sweetspot

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



75D0B6



DEFFF6



90D075



6B807A



000000



808080

Same Dimension

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



75D0B6



78FFD8



75BED0



5E6966



00A878



00291D

Inverse Universe

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



D0758F



FF789E



D08775



695E61



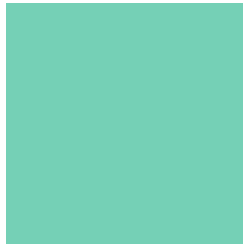
A80030



29000C

Previews

White Background



This preview shows how the Hex color 75D0B6 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 75D0B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

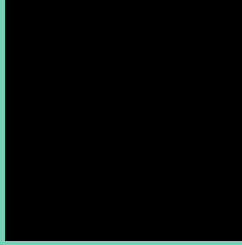
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

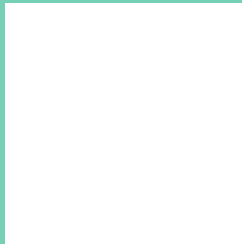
Any Text WCAG AAA ✓ Pass

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

Hex 75D0B6 Background



This preview shows how black text looks on a background with the Hex color 75D0B6.



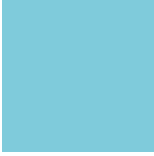
This preview shows how white text looks on a background with the Hex color 75D0B6.

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
7FCBDB

Trichromacy



Original Color
75D0B6



Protanomaly
A9C5B0



Deuteranomaly
B0C1B9

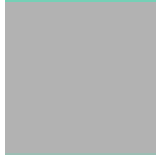


Tritanomaly
7BCDCE

Monochromacy



Original Color
75D0B6



Achromatopsia
B2B2B2



Achromatomaly
9CBDB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D0B6 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 #75D0B6 looks like.

```
.text, #text, p{  
    color:#75D0B6  
}
```

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 #75D0B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D0B6
}
```

Border

The CSS property to change the border of an element to Hex 75D0B6 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
#75D0B6 }
```

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

```
.border{ border-color:#75D0B6 }
```

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

Here you see how a box with a 4 pixel #75D0B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D0B6; -webkit-box-shadow:4px 4px  
4px 4px #75D0B6; box-shadow:4px 4px 4px  
4px #75D0B6 }
```

Background

The CSS property to change the background color of an element to Hex 75D0B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D0B6 }
```

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

```
.background{ background-color:#75D0B6 }
```

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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