

Converting Colors

Hex(75DCB3)

Have a look what the booklet for
Hex(75DCB3) contains.

Hex(75DCB3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75DCB3)

Conversions

Conversions Part 1

Format	Color
Hex	75DCB3
RGB	117, 220, 179
RGB Percent	46%, 86%, 70%
CMY	0.5412, 0.1373, 0.2980
CMYK	0.47, 0.00, 0.19, 0.14
HSL	156°, 60%, 66%
HSV	156°, 47%, 86%
XYZ	41.0660, 58.2230, 51.7216
YIQ	184.5290, -48.2270, -34.5870

Conversions

Conversions Part 2

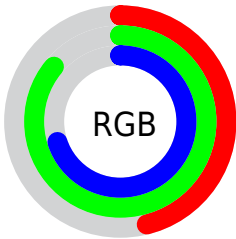
Format	Color
RYB	117, 181, 220
Decimal	7724211
CIELab	80.86, -39.52, 10.95
CIELCh	81, 41.007, 164.508
Yxy	58.2230, 0.2719, 0.3856
Android (android.graphics.Color)	4285914291 (0xFF75DCB3)
YUV	184.5290, -2.7258, -59.2229
Hunter-Lab	76.3040, -37.4652, 13.2239

Details

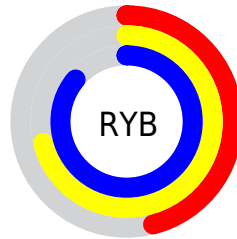
The Hex color **75DCB3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC759E**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AEFFEB**, and **3AA47E** is the 20% darker color. If you saturate the color by 10%, you get **5FDCAA**, and if you desaturate by 10%, it is **8BDCBC**.

Distribution



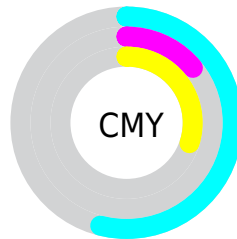
- Red (46%)
- Green (86%)
- Blue (70%)



- Red (46%)
- Yellow (71%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (54%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75DCB3 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 75DCB3 by changing the saturation by 10% instead.

 75DCB3

 75DCB3

FFFFFF

 58C098

 AEFFEB

 3AA47E

 CBFFFF

 158A65

 E8FFFF

 00704D

 005636

 003E21

 00290B

 000600

 000000

 75DCB3

 75DCB3

 5FDCAA

 8BDCBC

 49DCA1

 A1DCC5

 33DC99

 B7DCCD

 1DDC90

 CDDCD6

 07DC87

 E3DCDF

 00DC84

 F9DCE8

 FFDCF0

 FFDCF9

 FFDCFF

Harmonies

Analogous

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



A5D691



75DCB3



43DDDB

Triad

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



75DCB3



B0C6FF



FFB395

Complementary

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



75DCB3



DC759E

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.



FFABB7



75DCB3



E5B8FF

Square

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



75DCB3



70D2FF



FFAEDE



F4C07F

Rectangle

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



75DCB3



30DCF3



FFAEDE



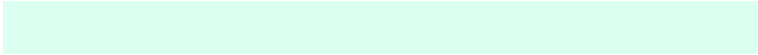
FFB09F

Sweetspot

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



75DCB3



DBFFF1



9EDC75



6A8077



000000



808080

Same Dimension

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



75DCB3



70FFC6



75D2DC



636E69



00AD68



002E1C

Inverse Universe

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



DC759E



FF70A9



DC7F75



6E6367



AD0045



2E0012

Previews

White Background



This preview shows how the Hex color 75DCB3 looks on a white background.

Color Contrast Check

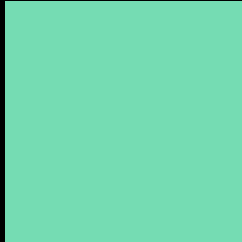
Large Text (above 18pt) WCAG AA × Fail

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 75DCB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

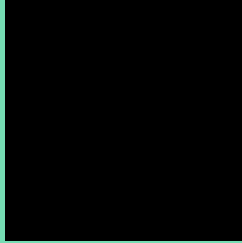
Any Text WCAG AA ✓ Pass

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 75DCB3 Background



This preview shows how black text looks on a background with the Hex color 75DCB3.

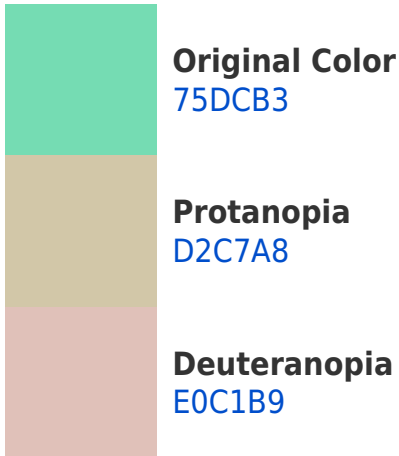


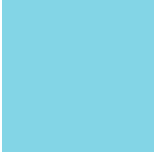
This preview shows how white text looks on a background with the Hex color 75DCB3.

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
83D5E6

Trichromacy



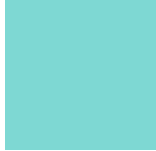
Original Color
75DCB3



Protanomaly
B0CFAC



Deuteranomaly
B9CBB7

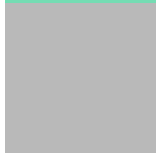


Tritanomaly
7ED8D3

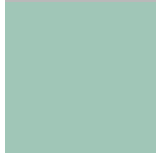
Monochromacy



Original Color
75DCB3



Achromatopsia
B9B9B9



Achromatomaly
A0C6B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 75DCB3 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 #75DCB3 looks like.

```
.text, #text, p{  
    color:#75DCB3  
}
```

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 #75DCB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DCB3
}
```

Border

The CSS property to change the border of an element to Hex 75DCB3 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
#75DCB3 }
```

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

```
.border{ border-color:#75DCB3 }
```

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

Here you see how a box with a 4 pixel #75DCB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DCB3; -webkit-box-shadow:4px 4px  
4px 4px #75DCB3; box-shadow:4px 4px 4px  
4px #75DCB3 }
```

Background

The CSS property to change the background color of an element to Hex 75DCB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DCB3 }
```

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

```
.background{ background-color:#75DCB3 }
```

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