

# Converting Colors

Hex(75D8BF)

Have a look what the booklet for  
Hex(75D8BF) contains.

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**Color**

**Hex(75D8BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75D8BF
RGB	117, 216, 191
RGB Percent	46%, 85%, 75%
CMY	0.5412, 0.1529, 0.2510
CMYK	0.46, 0.00, 0.12, 0.15
HSL	165°, 56%, 65%
HSV	165°, 46%, 85%
XYZ	41.2960, 56.6552, 58.0492
YIQ	183.5490, -50.9790, -28.7630

# Conversions

## Conversions Part 2

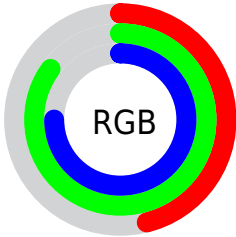
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 174, 216
Decimal	7723199
CIELab	79.99, -35.03, 3.32
CIELCh	80, 35.189, 174.586
Yxy	56.6552, 0.2647, 0.3632
Android (android.graphics.Color)	4285913279 (0xFF75D8BF)
YUV	183.5490, 3.6733, -58.3635
Hunter-Lab	75.2697, -33.7897, 6.9633

# Details

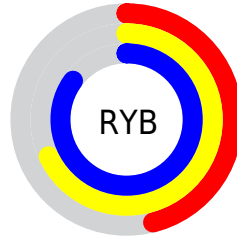
The Hex color **75D8BF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D8758E**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **AEFFF7**, and **3BA18A** is the 20% darker color. If you saturate the color by 10%, you get **5FD8BA**, and if you desaturate by 10%, it is **8BD8C4**.

# Distribution



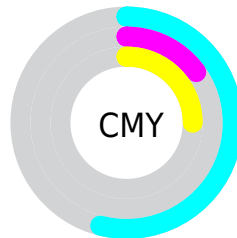
- Red (46%)
- Green (85%)
- Blue (75%)



- Red (46%)
- Yellow (68%)
- Blue (85%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (54%)
- Magenta (15%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75D8BF 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 75D8BF by changing the saturation by 10% instead.



 75D8BF

 75D8BF

FFFFFF

 58BCA4

 AEFFF7

 3BA18A

 CBFFFF

 168670

 E8FFFF

 006C58

 005341

 003B2B

 002616

 000000

 75D8BF

 75D8BF

 5FD8BA

 8BD8C4

 4AD8B4

 A0D8CA

 34D8AF

 B6D8CF

 1FD8A9

 CBD8D5

 09D8A4

 E1D8DA

 00D8A1

 F7D8E0

 FFD8E5

 FFD8EB

 FFD8F0

# Harmonies

## Analogous

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



9BD49F



75D8BF



5AD8E0

# Triad

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



75D8BF



C3C0FF



FCB792

# Complementary

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



75D8BF



D8758E

# 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.



FFAFAD



75D8BF



EBB5ED

# Square

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



75D8BF



92CBFF



FFAECE



E3C285

# Rectangle

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



75D8BF



5DD6F3



FFAECE



FFB49A

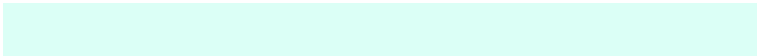


# Sweetspot

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



75D8BF



DBFFF6



8FD875



6A807A



000000



808080



# Same Dimension

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



75D8BF



73FFDC



75C1D8



606B68



00AB80



002B20



# Inverse Universe

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



D8758E



FF7396



D88C75



6B6063



AB002B

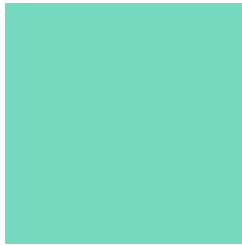


2B000B



# Previews

## White Background



This preview shows how the Hex color 75D8BF looks on a white background.

## Color Contrast Check

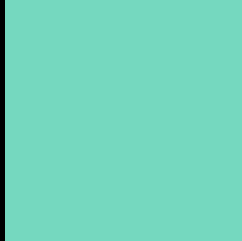
Large Text (above 18pt) WCAG AA × Fail

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 75D8BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

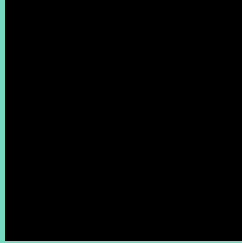
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

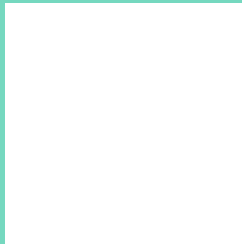
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75D8BF Background



This preview shows how black text looks on a background with the Hex color 75D8BF.

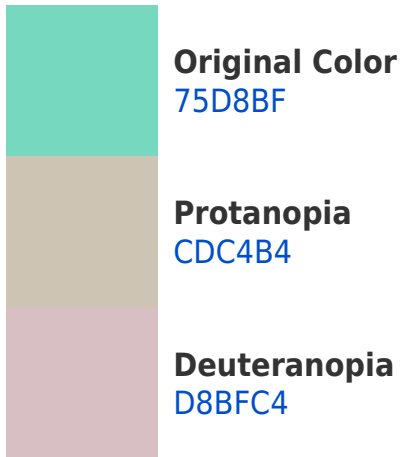


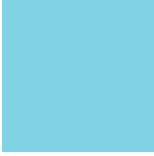
This preview shows how white text looks on a background with the Hex color 75D8BF.

# 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**  
7FD3E4

# Trichromacy



**Original Color**  
75D8BF



**Protanomaly**  
ADCBB8



**Deuteranomaly**  
B4C8C2

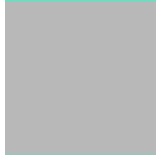


**Tritanomaly**  
7BD5D7

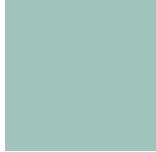
# Monochromacy



**Original Color**  
75D8BF



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
A0C4BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75D8BF 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 #75D8BF looks like.

```
.text, #text, p{  
    color:#75D8BF  
}
```

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 #75D8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D8BF  
}
```

## Border

The CSS property to change the border of an element to Hex 75D8BF 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  
#75D8BF }
```

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

```
.border{ border-color:#75D8BF }
```

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

Here you see how a box with a 4 pixel #75D8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D8BF; -webkit-box-shadow:4px 4px  
4px 4px #75D8BF; box-shadow:4px 4px 4px  
4px #75D8BF }
```

# Background

The CSS property to change the background color of an element to Hex 75D8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D8BF }
```

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

```
.background{ background-color:#75D8BF }
```

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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