

# Converting Colors

Hex(75C6B5)

Have a look what the booklet for  
Hex(75C6B5) contains.

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# **Color**

**Hex(75C6B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75C6B5
RGB	117, 198, 181
RGB Percent	46%, 78%, 71%
CMY	0.5412, 0.2235, 0.2902
CMYK	0.41, 0.00, 0.09, 0.22
HSL	167°, 42%, 62%
HSV	167°, 41%, 78%
XYZ	35.8707, 47.5063, 50.9951
YIQ	171.8430, -42.8190, -22.4590

# Conversions

## Conversions Part 2

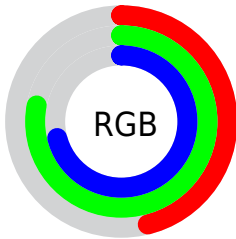
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 162, 198</a>
Decimal	<a href="#">7718581</a>
CIELab	<a href="#">74.51, -28.81, 0.74</a>
CIElCh	<a href="#">75, 28.820, 178.531</a>
Yxy	<a href="#">47.5063, 0.2670, 0.3535</a>
Android (android.graphics.Color)	<a href="#">4285908661 (0xFF75C6B5)</a>
YUV	<a href="#">171.8430, 4.5144, -48.0973</a>
Hunter-Lab	<a href="#">68.9248, -27.7212, 4.3807</a>

# Details

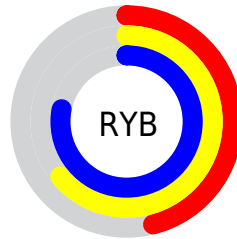
The Hex color **75C6B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C67586**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ADFFED**, and **3E9080** is the 20% darker color. If you saturate the color by 10%, you get **61C6B1**, and if you desaturate by 10%, it is **89C6B9**.

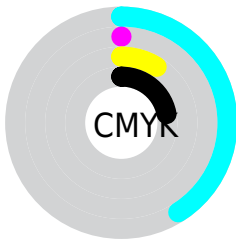
# Distribution



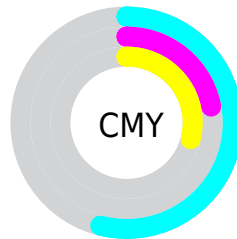
- Red (46%)
- Green (78%)
- Blue (71%)



- Red (46%)
- Yellow (64%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75C6B5 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 75C6B5 by changing the saturation by 10% instead.





75C6B5



75C6B5

FFFFFF



5AAB9A



ADFFED



3E9080



C9FFFF



207667



E6FFFF



005D4F



004538



002E23



00190D



000000



75C6B5



75C6B5

■ 61C6B1

■ 89C6B9

■ 4DC6AD

■ 9DC6BD

■ 3AC6A9

■ B0C6C1

■ 26C6A4

■ C4C6C6

■ 12C6A0

■ D8C6CA

■ 00C69C

■ ECC6CE

■ FFC6D2

■ FFC6D6

■ FFC6DA

# Harmonies

## Analogous

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



91C39B



75C6B5



66C5D0

# Triad

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



75C6B5



BAB1E6



E1AC8B

# Complementary

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



75C6B5



C67586

# 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.



ECA69F



75C6B5



D8A8D3

# Square

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



75C6B5



94BAEC



EAA4BA



CCB582

# Rectangle

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



75C6B5



6BC3DE



EAA4BA



E6AA91

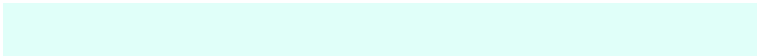


# Sweetspot

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



75C6B5



E0FFF9



87C675



6E807C



000000



808080



# Same Dimension

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



75C6B5



82FFE5



75AFC6



5A6361



00A381



00241C



# Inverse Universe

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



C67586



FF829C



C68C75



635A5C



A30022

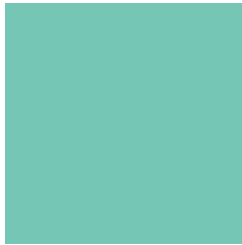


240007



# Previews

## White Background



This preview shows how the Hex color 75C6B5 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 75C6B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

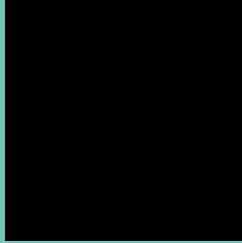
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

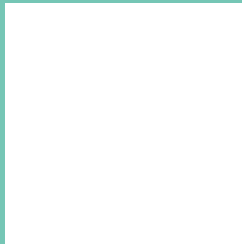
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75C6B5 Background



This preview shows how black text looks on a background with the Hex color 75C6B5.



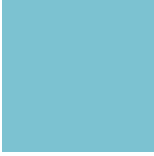
This preview shows how white text looks on a background with the Hex color 75C6B5.

# 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**  
7CC2D1

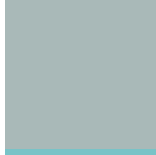
# Trichromacy



**Original Color**  
75C6B5



**Protanomaly**  
A2BCAF



**Deuteranomaly**  
A9B9B8

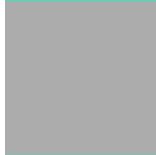


**Tritanomaly**  
79C3C7

# Monochromacy



**Original Color**  
75C6B5



**Achromatopsia**  
ACACAC



**Achromatomaly**  
98B5AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75C6B5 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 #75C6B5 looks like.

```
.text, #text, p{  
    color:#75C6B5  
}
```

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 #75C6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C6B5
}
```

## Border

The CSS property to change the border of an element to Hex 75C6B5 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
#75C6B5 }
```

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

```
.border{ border-color:#75C6B5 }
```

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

Here you see how a box with a 4 pixel #75C6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C6B5; -webkit-box-shadow:4px 4px  
4px 4px #75C6B5; box-shadow:4px 4px 4px  
4px #75C6B5 }
```

# Background

The CSS property to change the background color of an element to Hex 75C6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C6B5 }
```

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

```
.background{ background-color:#75C6B5 }
```

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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