

Converting Colors

Hex(75D6B1)

Have a look what the booklet for
Hex(75D6B1) contains.

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Color

Hex(75D6B1)

Conversions

Conversions Part 1

Format	Color
Hex	75D6B1
RGB	117, 214, 177
RGB Percent	46%, 84%, 69%
CMY	0.5412, 0.1608, 0.3059
CMYK	0.45, 0.00, 0.17, 0.16
HSL	157°, 54%, 65%
HSV	157°, 45%, 84%
XYZ	39.3185, 55.0494, 50.1483
YIQ	180.7790, -45.9350, -32.0710

Conversions

Conversions Part 2

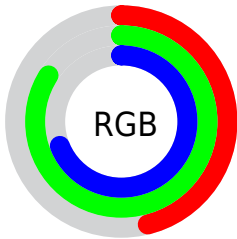
Format	Color
RYB	117, 177, 214
Decimal	7722673
CIELab	79.07, -37.23, 9.46
CIELCh	79, 38.412, 165.742
Yxy	55.0494, 0.2721, 0.3809
Android (android.graphics.Color)	4285912753 (0xFF75D6B1)
YUV	180.7790, -1.8630, -55.9342
Hunter-Lab	74.1953, -35.2487, 11.8628

Details

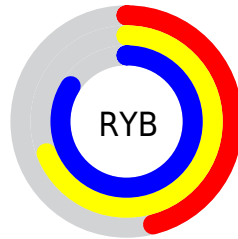
The Hex color **75D6B1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D6759A**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AEFFE9**, and **3C9F7C** is the 20% darker color. If you saturate the color by 10%, you get **60D6A9**, and if you desaturate by 10%, it is **8AD6B9**.

Distribution



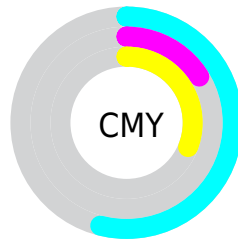
- Red (46%)
- Green (84%)
- Blue (69%)



- Red (46%)
- Yellow (69%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D6B1 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 75D6B1 by changing the saturation by 10% instead.

 75D6B1

 75D6B1

FFFFFF

 59BA96

 AEFFE9

 3C9F7C

 CAFFFF

 198463

 E8FFFF

 006A4C

 005135

 003A20

 002508

 000000

 75D6B1

 75D6B1

 60D6A9

 8AD6B9

 4AD6A1

 A0D6C1

 35D699

 B5D6C9

 1FD690

 CBD6D2

 0AD688

 E0D6DA

 00D684

 F5D6E2

 FFD6EA

 FFD6F2

 FFD6FA

Harmonies

Analogous

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



A1D191



75D6B1



4BD7D6

Triad

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



75D6B1



B0C1FF



FFB092

Complementary

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



75D6B1



D6759A

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.



FFA9B2



75D6B1



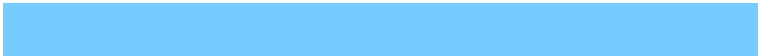
E0B4F6

Square

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



75D6B1



76CCFF



FFAAD6



EBBC7F

Rectangle

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



75D6B1



40D6EC



FFAAD6



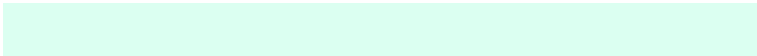
FFAD9C

Sweetspot

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



75D6B1



DBFFF1



9AD675



6A8077



000000



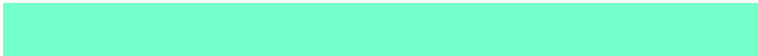
808080

Same Dimension

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



75D6B1



75FFCA



75CBD6



606B67



00AB6A



002B1B

Inverse Universe

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



D6759A



FF75AA



D68075



6B6064



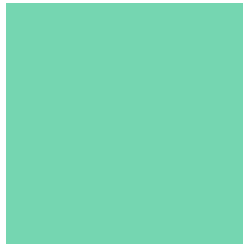
AB0041



2B0011

Previews

White Background



This preview shows how the Hex color 75D6B1 looks on a white background.

Color Contrast Check

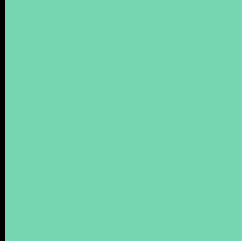
Large Text (above 18pt) WCAG AA × Fail

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 75D6B1 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

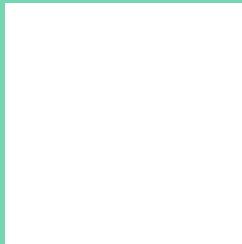
Any Text WCAG AAA ✓ Pass

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

Hex 75D6B1 Background



This preview shows how black text looks on a background with the Hex color 75D6B1.

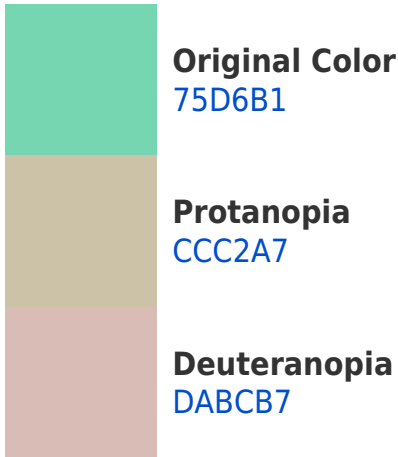


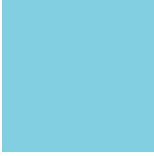
This preview shows how white text looks on a background with the Hex color 75D6B1.

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
81CFE0

Trichromacy



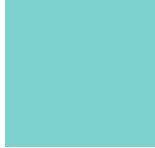
Original Color
75D6B1



Protanomaly
ACC9AB



Deuteranomaly
B5C5B5

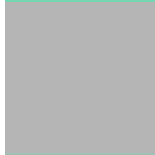


Tritanomaly
7DD2CF

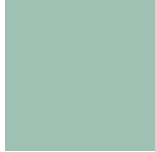
Monochromacy



Original Color
75D6B1



Achromatopsia
B5B5B5



Achromatomaly
9EC1B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D6B1 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 #75D6B1 looks like.

```
.text, #text, p{  
    color:#75D6B1  
}
```

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 #75D6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D6B1
}
```

Border

The CSS property to change the border of an element to Hex 75D6B1 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
#75D6B1 }
```

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

```
.border{ border-color:#75D6B1 }
```

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

Here you see how a box with a 4 pixel #75D6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D6B1; -webkit-box-shadow:4px 4px  
4px 4px #75D6B1; box-shadow:4px 4px 4px  
4px #75D6B1 }
```

Background

The CSS property to change the background color of an element to Hex 75D6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D6B1 }
```

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

```
.background{ background-color:#75D6B1 }
```

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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