

Converting Colors

Hex(75DCA2)

Have a look what the booklet for
Hex(75DCA2) contains.

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Color

Hex(75DCA2)

Conversions

Conversions Part 1

Format	Color
Hex	75DCA2
RGB	117, 220, 162
RGB Percent	46%, 86%, 64%
CMY	0.5412, 0.1373, 0.3647
CMYK	0.47, 0.00, 0.26, 0.14
HSL	146°, 60%, 66%
HSV	146°, 47%, 86%
XYZ	39.4509, 57.5769, 43.2166
YIQ	182.5910, -42.7700, -39.8740

Conversions

Conversions Part 2

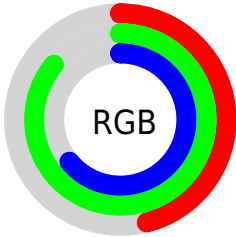
Format	Color
RYB	117, 189, 220
Decimal	7724194
CIELab	80.50, -42.99, 19.40
CIElCh	81, 47.166, 155.707
Yxy	57.5769, 0.2813, 0.4105
Android (android.graphics.Color)	4285914274 (0xFF75DCA2)
YUV	182.5910, -10.1514, -57.5233
Hunter-Lab	75.8795, -39.9842, 19.3474

Details

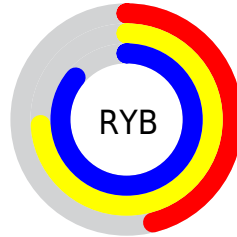
The Hex color **75DCA2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC75AF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AEFFD9**, and **3BA46E** is the 20% darker color. If you saturate the color by 10%, you get **5FDC96**, and if you desaturate by 10%, it is **8BDCAE**.

Distribution



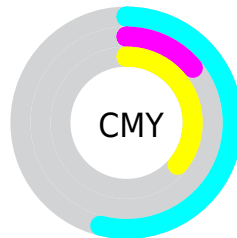
- Red (46%)
- Green (86%)
- Blue (64%)



- Red (46%)
- Yellow (74%)
- Blue (86%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (14%)



- Cyan (54%)
- Magenta (14%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75DCA2 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 75DCA2 by changing the saturation by 10% instead.

 75DCA2

 75DCA2

FFFFFF

 59C088

 AEFFD9

 3BA46E

 CBFFF6

 168956

 E8FFFF

 006F3E

 005628

 003E12

 002900

 000300

 000000

 75DCA2

 75DCA2

 5FDC96

 8BDCAE

 49DC89

 A1DCBB

 33DC7D

 B7DCC7

 1DDC70

 CDDCD4

 07DC64

 E3DCE0

 00DC60

 F9DCEC

 FFDCF9

 FFDCFF

Harmonies

Analogous

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



ADD47E



75DCA2



1FD0CF

Triad

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



75DCA2



93C9FF



FFAA97

Complementary

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



75DCA2



DC75AF

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.



FFA4C1



75DCA2



D7B9FF

Square

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



75DCA2



2FD6FF



FFAAED



FFB978

Rectangle

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



75DCA2



00DEED



FFAAED



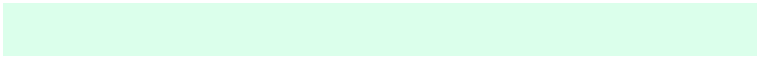
FFA7A4

Sweetspot

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



75DCA2



DBFFEB



AFDC75



6A8073



000000



808080

Same Dimension

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



75DCA2



70FFAF



75DCD5



636E67



00AD4C



002E14

Inverse Universe

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



DC75AF



FF70C1



DC757C



6E6369



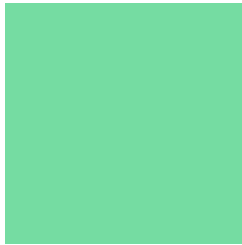
AD0062



2E001A

Previews

White Background



This preview shows how the Hex color 75DCA2 looks on a white background.

Color Contrast Check

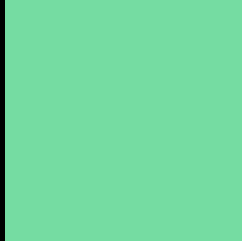
Large Text (above 18pt) WCAG AA × Fail

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 75DCA2 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 75DCA2 Background



This preview shows how black text looks on a background with the Hex color 75DCA2.

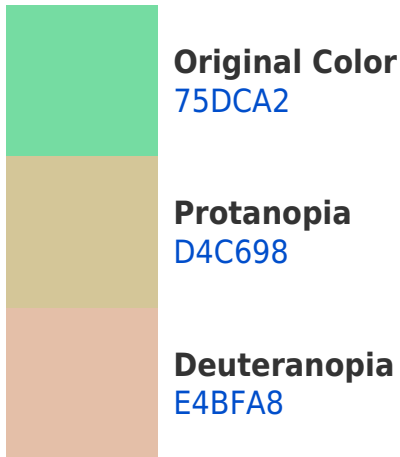


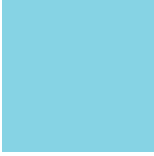
This preview shows how white text looks on a background with the Hex color 75DCA2.

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](#).

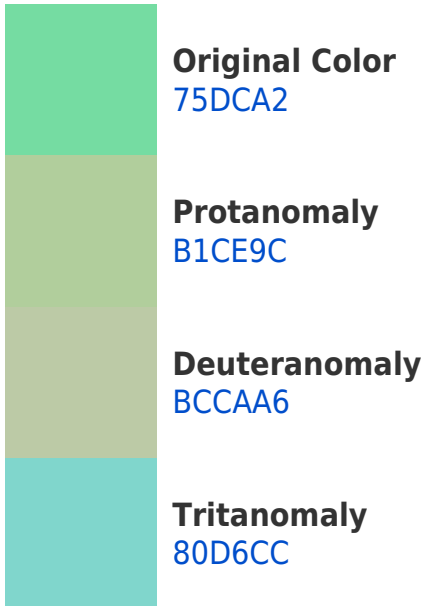
Dichromacy



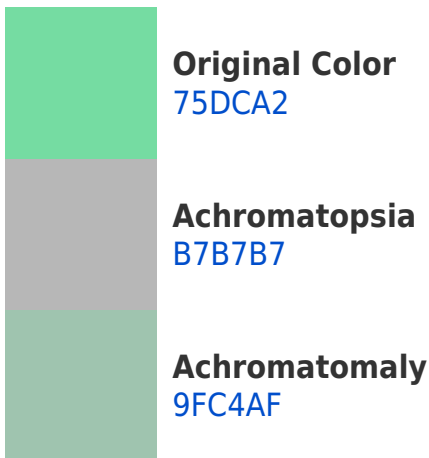


Tritanopia
86D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75DCA2 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 #75DCA2 looks like.

```
.text, #text, p{  
    color:#75DCA2  
}
```

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 #75DCA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DCA2
}
```

Border

The CSS property to change the border of an element to Hex 75DCA2 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
#75DCA2 }
```

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

```
.border{ border-color:#75DCA2 }
```

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

Here you see how a box with a 4 pixel #75DCA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DCA2; -webkit-box-shadow:4px 4px  
4px 4px #75DCA2; box-shadow:4px 4px 4px  
4px #75DCA2 }
```

Background

The CSS property to change the background color of an element to Hex 75DCA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DCA2 }
```

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

```
.background{ background-color:#75DCA2 }
```

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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