

Converting Colors

Hex(75DADF)

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

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Color

Hex(75DADF)

Conversions

Conversions Part 1

Format	Color
Hex	75DADF
RGB	117, 218, 223
RGB Percent	46%, 85%, 87%
CMY	0.5412, 0.1451, 0.1255
CMYK	0.48, 0.02, 0.00, 0.13
HSL	183°, 62%, 67%
HSV	183°, 48%, 87%
XYZ	45.7268, 59.2524, 78.8388
YIQ	188.3710, -61.8010, -19.8570

Conversions

Conversions Part 2

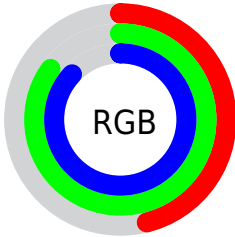
Format	Color
RYB	117, 169, 223
Decimal	7723743
CIELab	81.43, -28.17, -11.61
CIELCh	81, 30.471, 202.397
Yxy	59.2524, 0.2488, 0.3223
Android (android.graphics.Color)	4285913823 (0xFF75DADF)
YUV	188.3710, 17.0721, -62.5924
Hunter-Lab	76.9756, -28.6706, -6.8422

Details

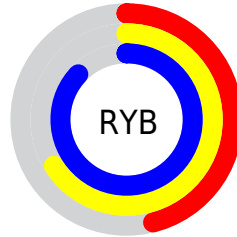
The Hex color **75DADF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF7A75**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AFFFFFF**, and **37A3A8** is the 20% darker color. If you saturate the color by 10%, you get **5FD9DF**, and if you desaturate by 10%, it is **8BDBDF**.

Distribution



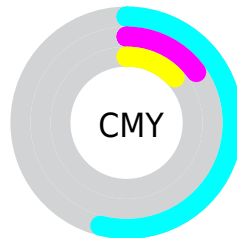
- Red (46%)
- Green (85%)
- Blue (87%)



- Red (46%)
- Yellow (66%)
- Blue (87%)



- Cyan (48%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 75DADF

 75DADF

FFFFFF

 57BEC3

 AFFFFFF

 37A3A8

 CDFFFF

 06888D

 EBFFFF

 006F74

 00565B

 003E44

 00282E

 000B1A

 000000

 75DADF

 75DADF

 5FD9DF

 8BDBDF

 48D8DF

 A2DCDF

 32D7DF

 B8DDDF

 1CD6DF

 CEDEDF

 05D5DF

 E4DFDF

 00D4DF

 FBE0DF

 FFE1DF

 FFE2DF

 FFE3DF

Harmonies

Analogous

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



89DAC2



75DADF



7CD6F7

Triad

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



75DADF



E8BCED



E6C692

Complementary

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



75DADF



DF7A75

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.



FBBD9E



75DADF



FEB6D3

Square

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



75DADF



C5C6FF



FFB6B6



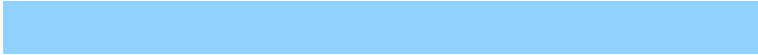
C9CF95

Rectangle

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



75DADF



90D2FF



FFB6B6



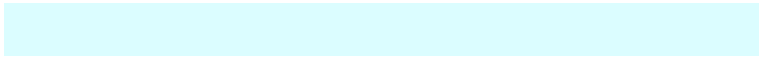
EEC395

Sweetspot

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



75DADF



DBFDFF



75DF79



6A7E80



000000



808080

Same Dimension

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



75DADF



6EF8FF



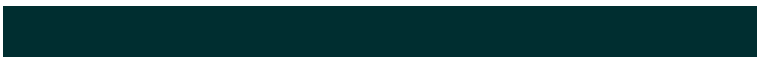
75A6DF



657070



00A8B0



002E30

Inverse Universe

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



DF75DA



FF6EF8



DFAE75



706570



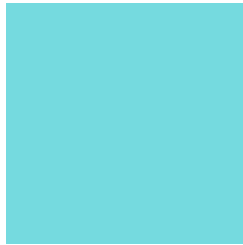
B000A8



30002E

Previews

White Background



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

Color Contrast Check

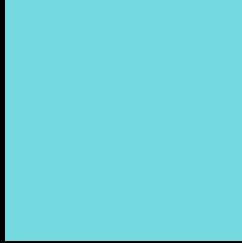
Large Text (above 18pt) WCAG AA × Fail

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 75DADF 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 75DADF Background



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

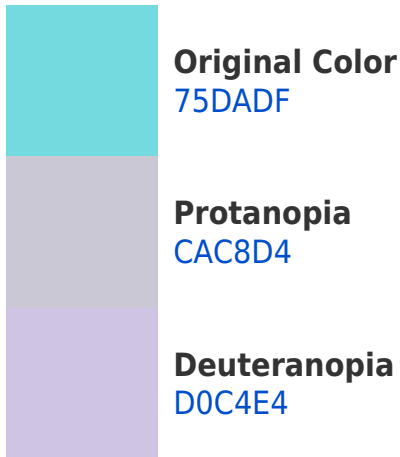


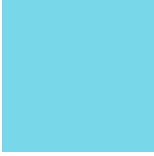
This preview shows how white text looks on a background with the Hex color 75DADF.

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
78D8EA

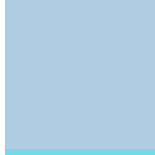
Trichromacy



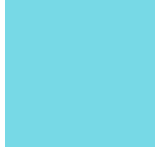
Original Color
75DADF



Protanomaly
ABCFD8



Deuteranomaly
AFCCE2

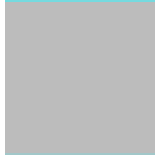


Tritanomaly
77D9E6

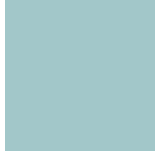
Monochromacy



Original Color
75DADF



Achromatopsia
BCBCBC



Achromatomaly
A2C7C9

CSS Examples

Text

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

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

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 #75DADF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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