

Converting Colors

Hex(74DADE)

Have a look what the booklet for
Hex(74DADE) contains.

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Color

Hex(74DADE)

Conversions

Conversions Part 1

Format	Color
Hex	74DADE
RGB	116, 218, 222
RGB Percent	45%, 85%, 87%
CMY	0.5451, 0.1451, 0.1294
CMYK	0.48, 0.02, 0.00, 0.13
HSL	182°, 62%, 66%
HSV	182°, 48%, 87%
XYZ	45.4587, 59.1297, 78.1245
YIQ	187.9580, -62.0760, -20.3800

Conversions

Conversions Part 2

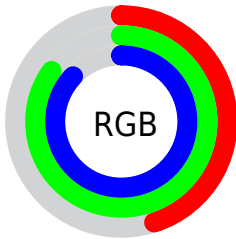
Format	Color
R _{YB}	116, 168, 222
Decimal	7658206
CIE _{Lab}	81.36, -28.65, -11.18
CIE _{LCh}	81, 30.755, 201.321
Yxy	59.1297, 0.2488, 0.3236
Android (android.graphics.Color)	4285848286 (0xFF74DADE)
YUV	187.9580, 16.7827, -63.1072
Hunter-Lab	76.8959, -29.0436, -6.4102

Details

The Hex color **74DADE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE7874**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AFFFFFF**, and **36A3A7** is the 20% darker color. If you saturate the color by 10%, you get **5ED9DE**, and if you desaturate by 10%, it is **8ADBDE**.

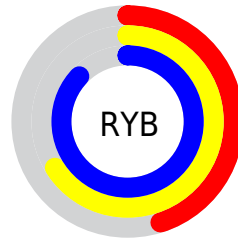
Distribution



Red (45%)

Green (85%)

Blue (87%)



Red (45%)

Yellow (66%)

Blue (87%)

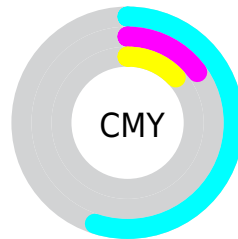


Cyan (48%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74DADE 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 74DADE by changing the saturation by 10% instead.

 74DADE

 74DADE

FFFFFF

 56BEC2

 AEFFFF

 36A3A7

 CCFFFF

 02888D

 EAFFFF

 006E73

 00565B

 003E43

 00282D

 000B19

 000000

 74DADE

 74DADE

 5ED9DE

 8ADBDE

 48D8DE

 A0DCDE

 31D7DE

 B7DDDE

 1BD7DE

 CDDDE

 05D6DE

 E3DEDE

 00D6DE

 F9DFDE

 FFE0DE

 FFE1DE

 FFE2DE

Harmonies

Analogous

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



89DAC0



74DADE



7AD6F6

Triad

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



74DADE



E7BCEE



E7C592

Complementary

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



74DADE



DE7874

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.



FCBC9E



74DADE



FEB6D4

Square

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



74DADE



C3C6FF



FFB6B7



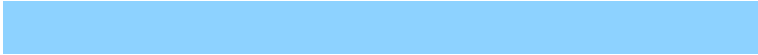
CACF94

Rectangle

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



74DADE



8DD2FF



FFB6B7



EFC294

Sweetspot

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



74DADE



DBFEFF



74DE78



6A7F80



000000



808080

Same Dimension

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



74DADE



6EFAFF



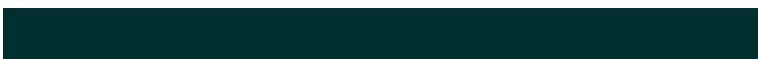
74A5DE



657070



00A9B0



002F30

Inverse Universe

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



DE74DA



FF6EFA



DEAD74



706570



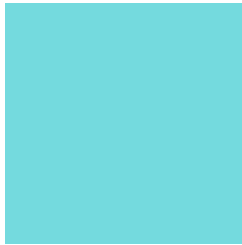
B000A9



30002F

Previews

White Background



This preview shows how the Hex color 74DADE looks on a white background.

Color Contrast Check

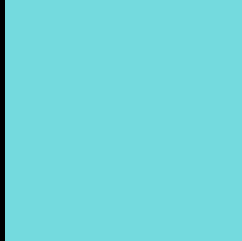
Large Text (above 18pt) WCAG AA × Fail

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 74DADE 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 74DADE Background



This preview shows how black text looks on a background with the Hex color 74DADE.

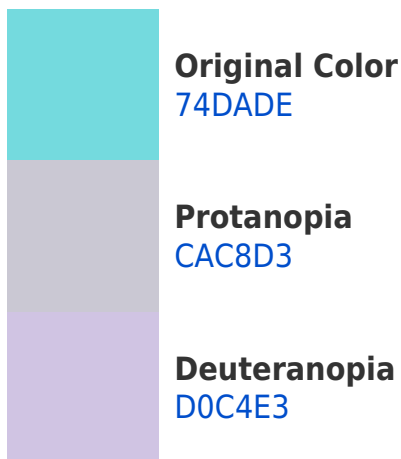


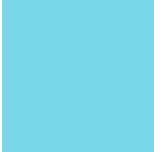
This preview shows how white text looks on a background with the Hex color 74DADE.

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



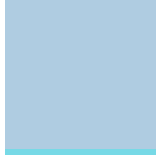
Original Color

74DADE



Protanomaly

ABCFD7



Deuteranomaly

AFCCE1



Tritanomaly

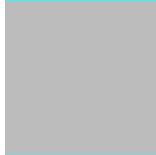
77D9E6

Monochromacy



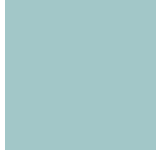
Original Color

74DADE



Achromatopsia

BCBCBC



Achromatomaly

A2C7C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 74DADE 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 #74DADE looks like.

```
.text, #text, p{  
    color:#74DADE  
}
```

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 #74DADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74DADE
}
```

Border

The CSS property to change the border of an element to Hex 74DADE 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
#74DADE }
```

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

```
.border{ border-color:#74DADE }
```

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

Here you see how a box with a 4 pixel #74DADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74DADE; -webkit-box-shadow:4px 4px  
4px 4px #74DADE; box-shadow:4px 4px 4px  
4px #74DADE }
```

Background

The CSS property to change the background color of an element to Hex 74DADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74DADE }
```

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

```
.background{ background-color:#74DADE }
```

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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