

Converting Colors

Hex(75B1DE)

Have a look what the booklet for
Hex(75B1DE) contains.

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Color

Hex(75B1DE)

Conversions

Conversions Part 1

Format	Color
Hex	75B1DE
RGB	117, 177, 222
RGB Percent	46%, 69%, 87%
CMY	0.5412, 0.3059, 0.1294
CMYK	0.47, 0.20, 0.00, 0.13
HSL	206°, 61%, 66%
HSV	206°, 47%, 87%
XYZ	36.2431, 40.5001, 75.0143
YIQ	164.1900, -50.2050, 1.2750

Conversions

Conversions Part 2

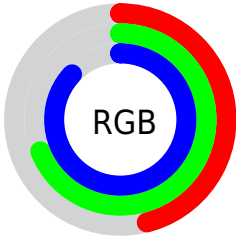
Format	Color
RYB	117, 155, 222
Decimal	7713246
CIELab	69.82, -7.36, -28.67
CIELCh	70, 29.597, 255.608
Yxy	40.5001, 0.2388, 0.2669
Android (android.graphics.Color)	4285903326 (0xFF75B1DE)
YUV	164.1900, 28.5003, -41.3856
Hunter-Lab	63.6397, -9.7130, -25.3394

Details

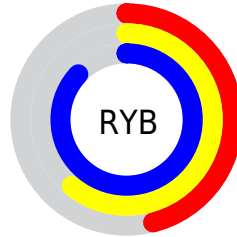
The Hex color **75B1DE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DEA275**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **AEE9FF**, and **3B7DA7** is the 20% darker color. If you saturate the color by 10%, you get **5FA7DE**, and if you desaturate by 10%, it is **8BBBDE**.

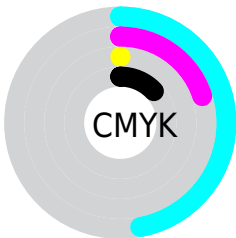
Distribution



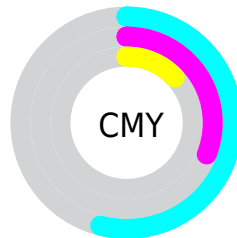
- Red (46%)
- Green (69%)
- Blue (87%)



- Red (46%)
- Yellow (61%)
- Blue (87%)



- Cyan (47%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B1DE 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 75B1DE by changing the saturation by 10% instead.

 75B1DE

 75B1DE

FFFFFF

 5996C2

 AEE9FF

 3B7DA7

 CBFFFF

 18648C

 E8FFFF

 004C73

 00355A

 002042

 00032C

 000116

 000000

 75B1DE

 75B1DE

 5FA7DE

 8BBBDE

 499EDE

 A1C4DE

 3294DE

 B8CEDE

 1C8BDE

 CED7DE

 0681DE

 E4E1DE

 007FDE

 FAEADE

 FFF4DE

 FFFDDE

 FFFFDE

Harmonies

Analogous

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



58B7D0



75B1DE



9CA8DE

Triad

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



75B1DE



E1979D



91B484

Complementary

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



75B1DE



DEA275

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.



AFAD76



75B1DE



DB9C85

Square

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



75B1DE



D898B9



C9A477



72B99C

Rectangle

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



75B1DE



B5A2D6



C9A477



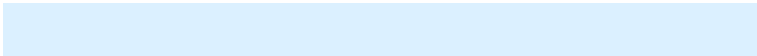
9BB27E

Sweetspot

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



75B1DE



DBF0FF



75DEA1



6A7680



000000



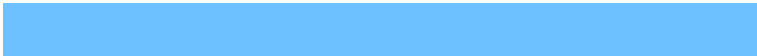
808080

Same Dimension

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



75B1DE



6EC1FF



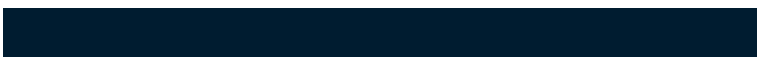
757EDE



656B70



0065B0



001C30

Inverse Universe

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



DE75B1



FF6EC1



DED575



70656B



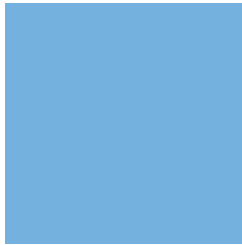
B00065



30001C

Previews

White Background



This preview shows how the Hex color 75B1DE looks on a white background.

Color Contrast Check

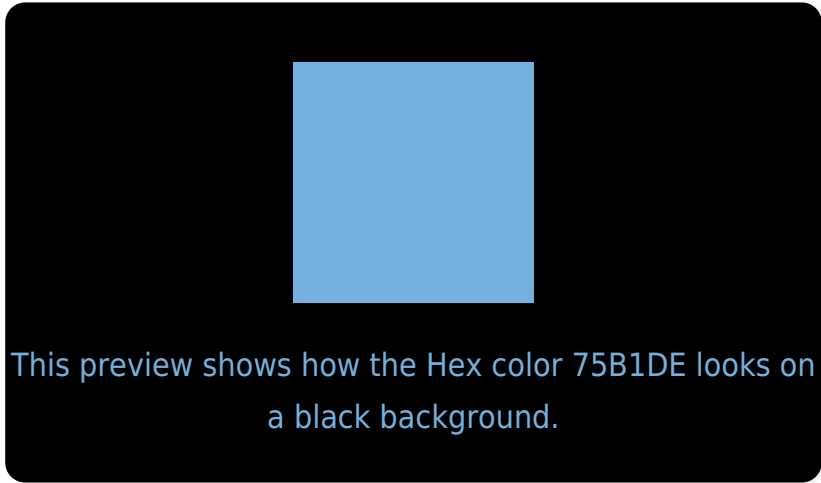
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

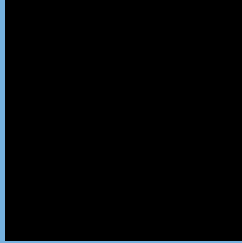
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

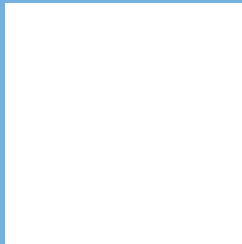
Any Text WCAG AAA ✓ Pass

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

Hex 75B1DE Background



This preview shows how black text looks on a background with the Hex color 75B1DE.

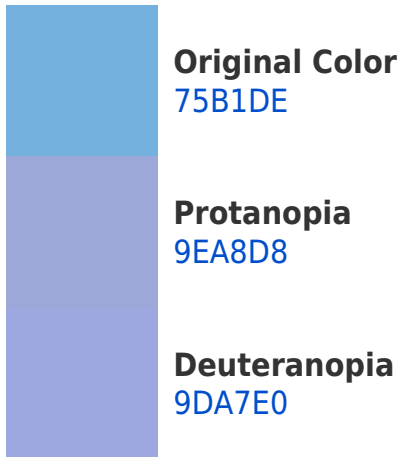


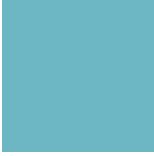
This preview shows how white text looks on a background with the Hex color 75B1DE.

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](#).

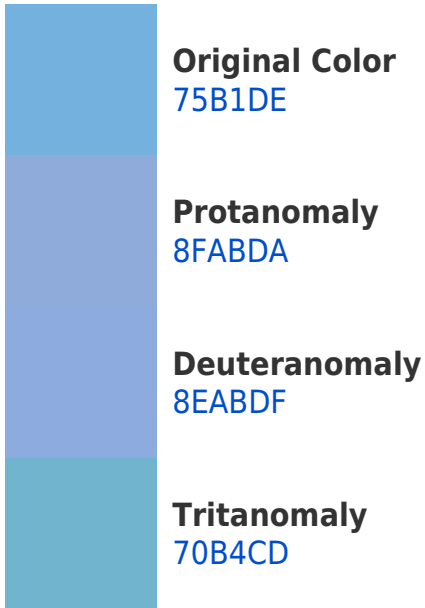
Dichromacy



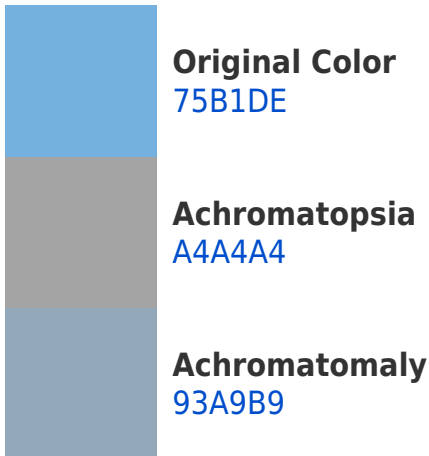


Tritanopia
6DB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B1DE 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 #75B1DE looks like.

```
.text, #text, p{  
    color:#75B1DE  
}
```

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 #75B1DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B1DE
}
```

Border

The CSS property to change the border of an element to Hex 75B1DE 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
#75B1DE }
```

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

```
.border{ border-color:#75B1DE }
```

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

Here you see how a box with a 4 pixel #75B1DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B1DE; -webkit-box-shadow:4px 4px  
4px 4px #75B1DE; box-shadow:4px 4px 4px  
4px #75B1DE }
```

Background

The CSS property to change the background color of an element to Hex 75B1DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B1DE }
```

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

```
.background{ background-color:#75B1DE }
```

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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