

Converting Colors

Hex(75B3D1)

Have a look what the booklet for
Hex(75B3D1) contains.

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Color

Hex(75B3D1)

Conversions

Conversions Part 1

Format	Color
Hex	75B3D1
RGB	117, 179, 209
RGB Percent	46%, 70%, 82%
CMY	0.5412, 0.2980, 0.1804
CMYK	0.44, 0.14, 0.00, 0.18
HSL	200°, 50%, 64%
HSV	200°, 44%, 82%
XYZ	34.9648, 40.6256, 66.3203
YIQ	163.8820, -46.5820, -3.8140

Conversions

Conversions Part 2

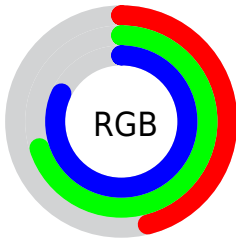
Format	Color
RYB	117, 154, 209
Decimal	7713745
CIELab	69.91, -12.05, -21.41
CIElCh	70, 24.568, 240.625
Yxy	40.6256, 0.2464, 0.2863
Android (android.graphics.Color)	4285903825 (0xFF75B3D1)
YUV	163.8820, 22.2432, -41.1155
Hunter-Lab	63.7382, -13.6221, -17.0752

Details

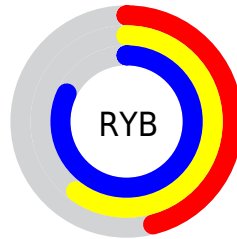
The Hex color **75B3D1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D19375**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ADEBFF**, and **3D7E9B** is the 20% darker color. If you saturate the color by 10%, you get **60ACD1**, and if you desaturate by 10%, it is **8ABAD1**.

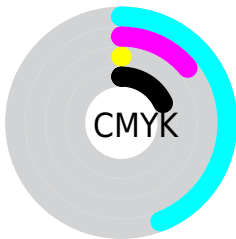
Distribution



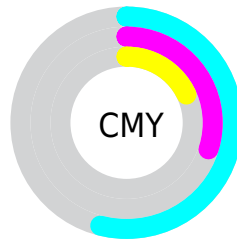
- Red (46%)
- Green (70%)
- Blue (82%)



- Red (46%)
- Yellow (60%)
- Blue (82%)



- Cyan (44%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B3D1 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 75B3D1 by changing the saturation by 10% instead.

 75B3D1

 75B3D1

FFFFFF

 5998B5

 ADEBFF

 3D7E9B

 C9FFFF

 1D6580

 E7FFFF

 004D67

 00364F

 002138

 000223

 00000A

 000000

■ 75B3D1

■ 75B3D1

■ 60ACD1

■ 8ABAD1

■ 4BA5D1

■ 9FC1D1

■ 369FD1

■ B4C7D1

■ 2198D1

■ C9CED1

■ 0D91D1

■ DDD5D1

■ 008DD1

■ F2DCD1

■ FFE3D1

■ FFEAD1

■ FFF0D1

Harmonies

Analogous

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



6AB7C1



75B3D1



90ADD7

Triad

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



75B3D1



D69BAB



A3B084

Complementary

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



75B3D1



D19375

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.



BBA7E



75B3D1



D89C95

Square

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



75B3D1



C89EC1



CEA285



89B594

Rectangle

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



75B3D1



A5A8D4



CEA285



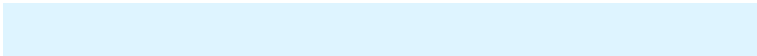
ABAE81

Sweetspot

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



75B3D1



DEF4FF



75D192



6B7980



000000



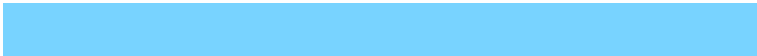
808080

Same Dimension

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



75B3D1



78D3FF



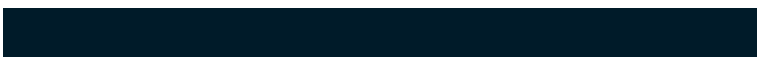
7586D1



5E6569



0071A8



001B29

Inverse Universe

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



D175B3



FF78D3



D1C075



695E65



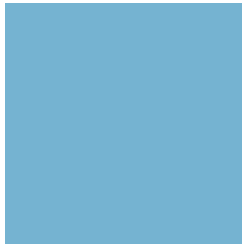
A80071



29001B

Previews

White Background



This preview shows how the Hex color 75B3D1 looks on a white background.

Color Contrast Check

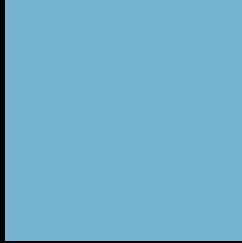
Large Text (above 18pt) WCAG AA × Fail

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 75B3D1 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 75B3D1 Background



This preview shows how black text looks on a background with the Hex color 75B3D1.

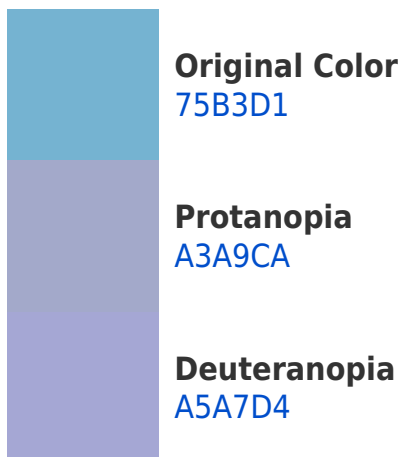


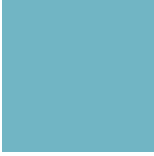
This preview shows how white text looks on a background with the Hex color 75B3D1.

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](#).

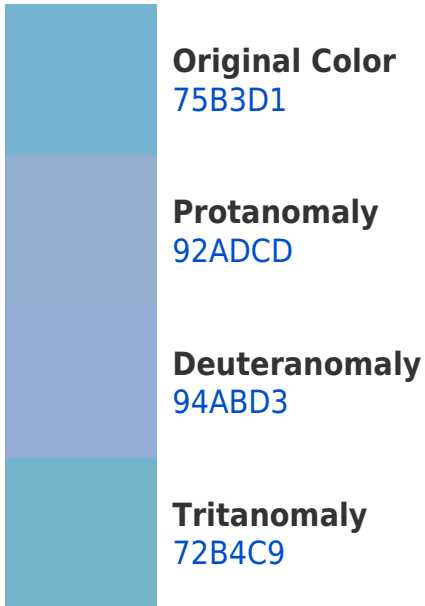
Dichromacy



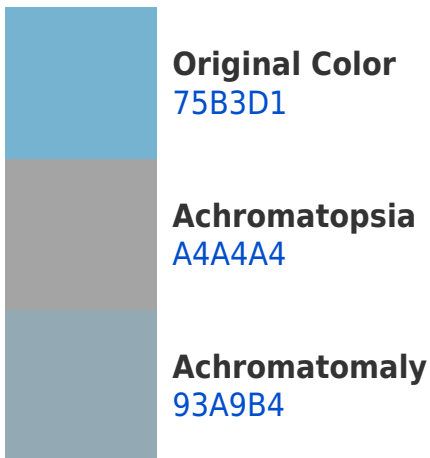


Tritanopia
71B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B3D1 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 #75B3D1 looks like.

```
.text, #text, p{  
    color:#75B3D1  
}
```

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 #75B3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B3D1  
}
```

Border

The CSS property to change the border of an element to Hex 75B3D1 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  
#75B3D1 }
```

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

```
.border{ border-color:#75B3D1 }
```

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

Here you see how a box with a 4 pixel #75B3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B3D1; -webkit-box-shadow:4px 4px  
4px 4px #75B3D1; box-shadow:4px 4px 4px  
4px #75B3D1 }
```

Background

The CSS property to change the background color of an element to Hex 75B3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B3D1 }
```

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

```
.background{ background-color:#75B3D1 }
```

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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