

Converting Colors

Hex(75BDEB)

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

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Color

Hex(75BDEB)

Conversions

Conversions Part 1

Format	Color
Hex	75BDEB
RGB	117, 189, 235
RGB Percent	46%, 74%, 92%
CMY	0.5412, 0.2588, 0.0784
CMYK	0.50, 0.20, 0.00, 0.08
HSL	203°, 75%, 69%
HSV	203°, 50%, 92%
XYZ	40.5291, 46.1753, 85.3739
YIQ	172.7160, -57.6780, -0.9580

Conversions

Conversions Part 2

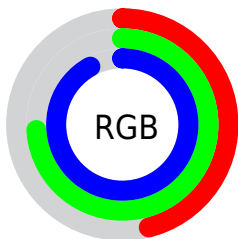
Format	Color
R _{YB}	117, 162, 235
Decimal	7716331
CIE Lab	73.66, -10.12, -29.84
CIE LCh	74, 31.510, 251.262
Yxy	46.1753, 0.2355, 0.2683
Android (android.graphics.Color)	4285906411 (0xFF75BDEB)
YUV	172.7160, 30.7060, -48.8629
Hunter-Lab	67.9524, -12.4532, -26.9240

Details

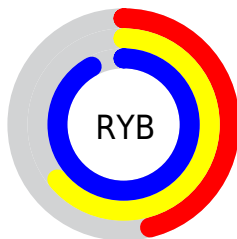
The Hex color **75BDEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EBA375**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **AFF5FF**, and **3888B3** is the 20% darker color. If you saturate the color by 10%, you get **5EB4EB**, and if you desaturate by 10%, it is **8DC6EB**.

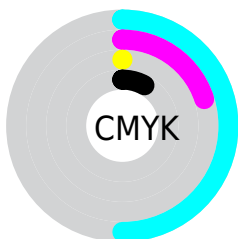
Distribution



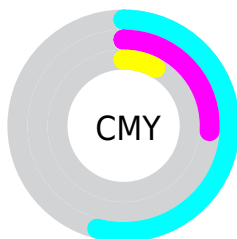
- Red (46%)
- Green (74%)
- Blue (92%)



- Red (46%)
- Yellow (64%)
- Blue (92%)



- Cyan (50%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (54%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 75BDEB

 75BDEB

FFFFFF

 58A2CF

 AFF5FF

 3888B3

 CCFFFF

 0C6E98

 EAFFFF

 00567E

 003F65

 00294D

 001536

 000220

 000004

 75BDEB

 75BDEB

 5EB4EB

 8DC6EB

 46ABEB

 A4CFEB

 2FA2EB

 BBD8EB

 1798EB

 D3E2EB

 008FEB

 EBEBEB

 FFF4EB

 FFFDEB

 FFFFEB

Harmonies

Analogous

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



59C3DA



75BDEB



9FB4ED

Triad

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



75BDEB



EF9FAB



9EBF89

Complementary

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



75BDEB



EBA375

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.



BEB77C



75BDEB



EBA490

Square

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



75BDEB



E3A2C8



D9AD7F



7CC4A1

Rectangle

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



75BDEB



BBADE6



D9AD7F



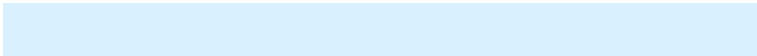
A9BC83

Sweetspot

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



75BDEB



D9F0FF



75EBA2



697780



000000



808080

Same Dimension

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



75BDEB



66C3FF



7583EB



6A7175



006EB5



002136

Inverse Universe

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



EB75BD



FF66C3



EBDD75



756A71



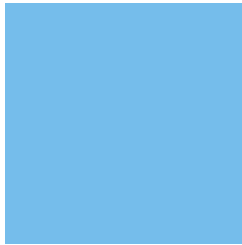
B5006E



360021

Previews

White Background



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

Color Contrast Check

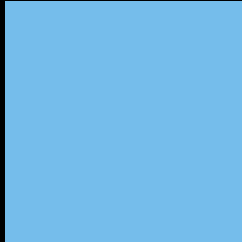
Large Text (above 18pt) WCAG AA × Fail

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 75BDEB 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 75BDEB Background



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

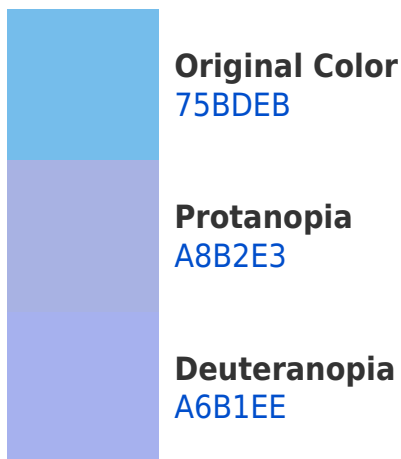


This preview shows how white text looks on a background with the Hex color 75BDEB.

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](#).

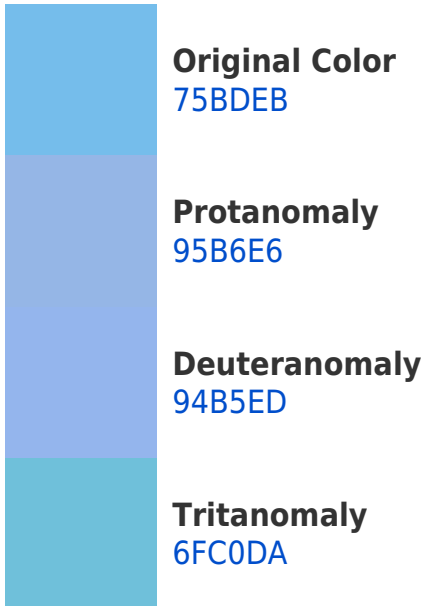
Dichromacy



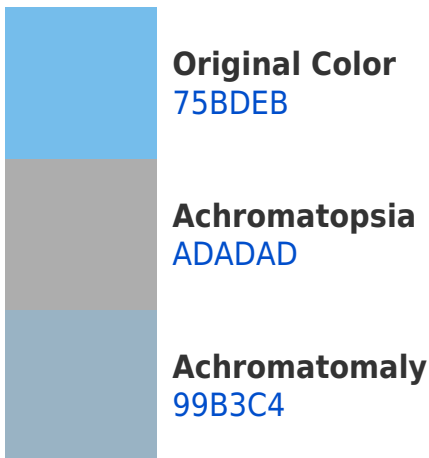


Tritanopia
6CC2D1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #75BDEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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