

Converting Colors

Hex(75B5E7)

Have a look what the booklet for
Hex(75B5E7) contains.

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Color

Hex(75B5E7)

Conversions

Conversions Part 1

Format	Color
Hex	75B5E7
RGB	117, 181, 231
RGB Percent	46%, 71%, 91%
CMY	0.5412, 0.2902, 0.0941
CMYK	0.49, 0.22, 0.00, 0.09
HSL	206°, 70%, 68%
HSV	206°, 49%, 91%
XYZ	38.2838, 42.5992, 81.8060
YIQ	167.5640, -54.1940, 1.9820

Conversions

Conversions Part 2

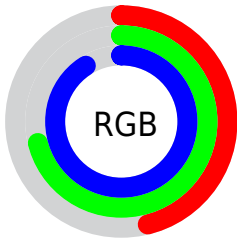
Format	Color
RYB	117, 158, 231
Decimal	7714279
CIELab	71.28, -6.96, -31.33
CIELCh	71, 32.096, 257.478
Yxy	42.5992, 0.2353, 0.2618
Android (android.graphics.Color)	4285904359 (0xFF75B5E7)
YUV	167.5640, 31.2739, -44.3446
Hunter-Lab	65.2680, -9.5176, -28.6256

Details

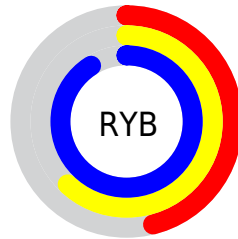
The Hex color **75B5E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7A775**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AEEDFF**, and **3A80AF** is the 20% darker color. If you saturate the color by 10%, you get **5EABE7**, and if you desaturate by 10%, it is **8CBFE7**.

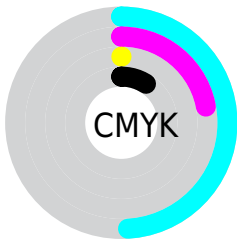
Distribution



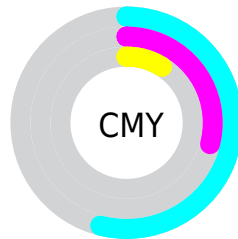
- Red (46%)
- Green (71%)
- Blue (91%)



- Red (46%)
- Yellow (62%)
- Blue (91%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B5E7 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 75B5E7 by changing the saturation by 10% instead.

■ 75B5E7

FFFFFF

■ AEEDFF

■ CCFFFF

■ E9FFFF

■ 75B5E7

■ 589ACB

■ 3A80AF

■ 126794

■ 004F7A

■ 003961

■ 002349

■ 000D33

■ 00021D

■ 000000

 75B5E7

 75B5E7

 5EABE7

 8CBFE7

 47A1E7

 A3C9E7

 3097E7

 BAD3E7

 198CE7

 D1DEE7

 0282E7

 E9E8E7

 0082E7

 FFF2E7

 FFFCE7

 FFFFE7

Harmonies

Analogous

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



52BCD9



75B5E7



A1ABE6

Triad

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



75B5E7



E9999E



90BA86

Complementary

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



75B5E7



E7A775

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.



B1B276



75B5E7



E29F85

Square

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



75B5E7



E09ABC



CEA876



6EBEA1

Rectangle

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



75B5E7



BCA4DD



CEA876



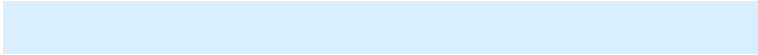
9CB77F

Sweetspot

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



75B5E7



D9EEFF



75E7A6



697580



000000



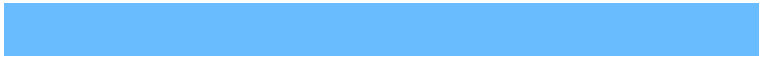
808080

Same Dimension

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



75B5E7



69BDFF



757DE7



676E73



0064B3



001D33

Inverse Universe

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



E775B5



FF69BD



E7DF75



73676E



B30064



33001D

Previews

White Background



This preview shows how the Hex color 75B5E7 looks on a white background.

Color Contrast Check

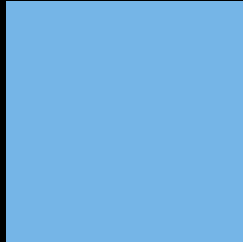
Large Text (above 18pt) WCAG AA × Fail

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 75B5E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

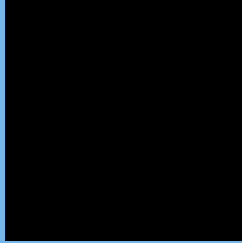
Any Text WCAG AA ✓ Pass

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 75B5E7 Background



This preview shows how black text looks on a background with the Hex color 75B5E7.



This preview shows how white text looks on a background with the Hex color 75B5E7.

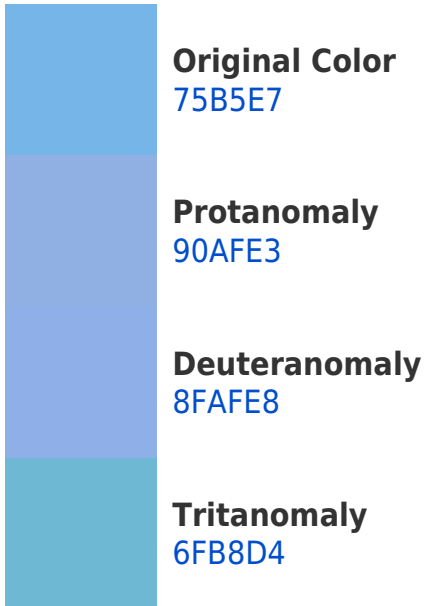
Color Blindness Simulation

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](#).

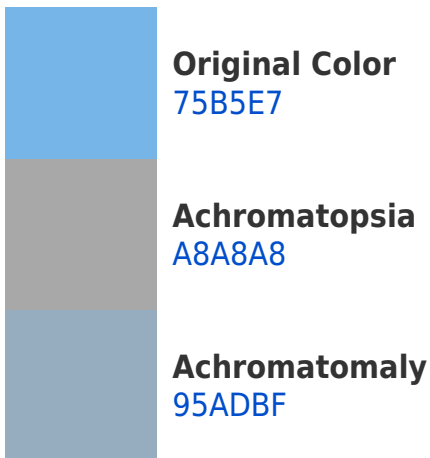
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B5E7 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 #75B5E7 looks like.

```
.text, #text, p{  
    color:#75B5E7  
}
```

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 #75B5E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B5E7
}
```

Border

The CSS property to change the border of an element to Hex 75B5E7 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
#75B5E7 }
```

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

```
.border{ border-color:#75B5E7 }
```

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

Here you see how a box with a 4 pixel #75B5E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B5E7; -webkit-box-shadow:4px 4px  
4px 4px #75B5E7; box-shadow:4px 4px 4px  
4px #75B5E7 }
```

Background

The CSS property to change the background color of an element to Hex 75B5E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B5E7 }
```

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

```
.background{ background-color:#75B5E7 }
```

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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