

Converting Colors

Hex(75CEEB)

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

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Color

Hex(75CEEB)

Conversions

Conversions Part 1

Format	Color
Hex	75CEEB
RGB	117, 206, 235
RGB Percent	46%, 81%, 92%
CMY	0.5412, 0.1922, 0.0784
CMYK	0.50, 0.12, 0.00, 0.08
HSL	195°, 75%, 69%
HSV	195°, 50%, 92%
XYZ	44.4028, 53.9227, 86.6651
YIQ	182.6950, -62.3530, -9.8490

Conversions

Conversions Part 2

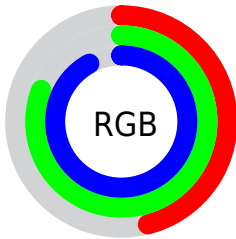
Format	Color
RYB	117, 168, 235
Decimal	7720683
CIELab	78.42, -19.00, -22.56
CIELCh	78, 29.498, 229.896
Yxy	53.9227, 0.2400, 0.2915
Android (android.graphics.Color)	4285910763 (0xFF75CEEB)
YUV	182.6950, 25.7864, -57.6145
Hunter-Lab	73.4321, -20.5709, -18.5721

Details

The Hex color **75CEEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9275**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3798B3** is the 20% darker color. If you saturate the color by 10%, you get **5EC8EB**, and if you desaturate by 10%, it is **8DD4EB**.

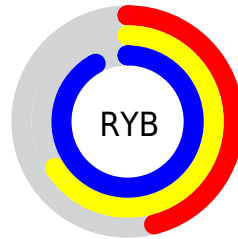
Distribution



Red (46%)

Green (81%)

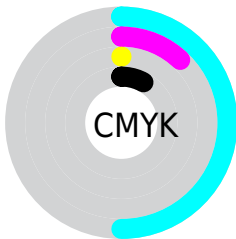
Blue (92%)



Red (46%)

Yellow (66%)

Blue (92%)

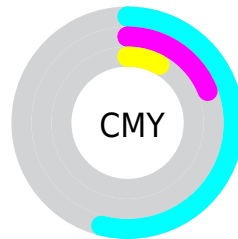


Cyan (50%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

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

 75CEEB

 75CEEB

FFFFFF

 57B2CF

 AFFFFFF

 3798B3

 CDFFFF

 047E98

 EBFFFF

 00647E

 004C65

 00354D

 002136

 000221

 000006

 75CEEB

 75CEEB

 5EC8EB

 8DD4EB

 46C2EB

 A4DAEB

 2FBDEB

 BBDFEB

 17B7EB

 D3E5EB

 00B1EB

 EBEBEB

 FFF1EB

 FFF6EB

 FFFCEB

 FFFFEB

Harmonies

Analogous

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



71D1D4



75CEEB



93C7F7

Triad

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



75CEEB



F2AFCC



C3C68E

Complementary

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



75CEEB



EB9275

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.



DEBD8C



75CEEB



FAAFB1

Square

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



75CEEB



DCB5E6



F2B499



A4CD9E

Rectangle

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



75CEEB



ADC1F8



F2B499



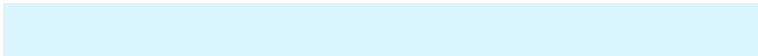
CDC38C

Sweetspot

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



75CEEB



D9F6FF



75EB91



697A80



000000



808080

Same Dimension

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



75CEEB



66D9FF



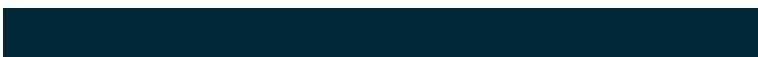
7594EB



6A7275



0089B5



002836

Inverse Universe

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



EB75CE



FF66D9



EBCC75



756A72



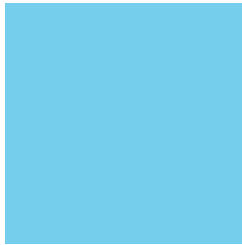
B50089



360028

Previews

White Background



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

Color Contrast Check

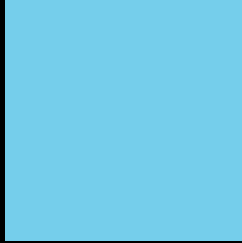
Large Text (above 18pt) WCAG AA × Fail

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 75CEEB 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 75CEEB Background



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

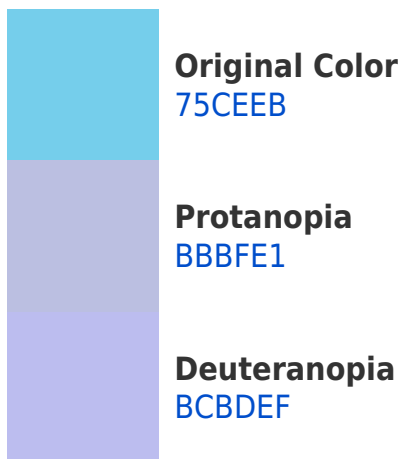


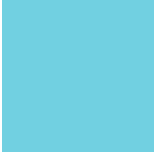
This preview shows how white text looks on a background with the Hex color 75CEEB.

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](#).

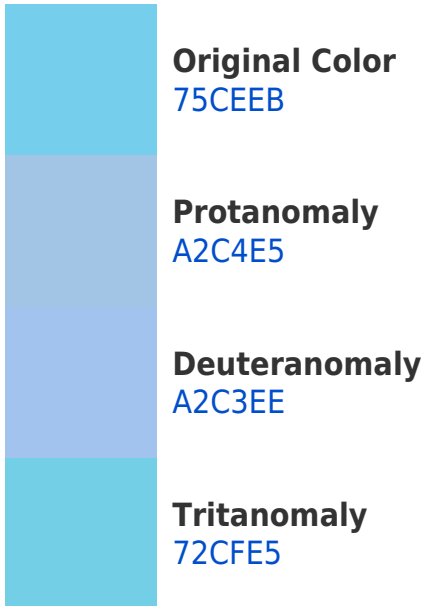
Dichromacy



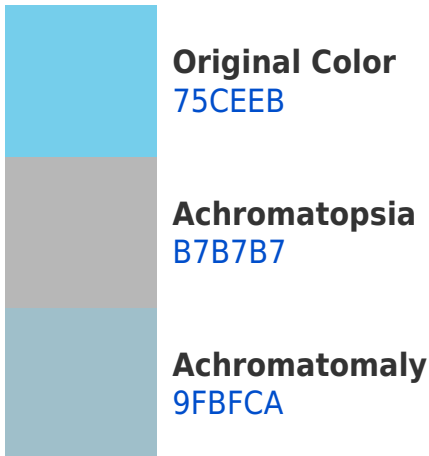


Tritanopia
71D0E1

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #75CEEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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