

Converting Colors

Hex(75CFE3)

Have a look what the booklet for
Hex(75CFE3) contains.

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Color

Hex(75CFE3)

Conversions

Conversions Part 1

Format	Color
Hex	75CFE3
RGB	117, 207, 227
RGB Percent	46%, 81%, 89%
CMY	0.5412, 0.1882, 0.1098
CMYK	0.48, 0.09, 0.00, 0.11
HSL	191°, 66%, 67%
HSV	191°, 48%, 89%
XYZ	43.5141, 53.9536, 80.7937
YIQ	182.3700, -60.0600, -12.8600

Conversions

Conversions Part 2

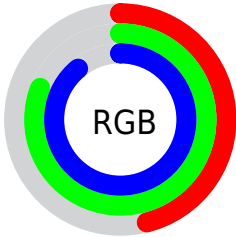
Format	Color
RYB	117, 167, 227
Decimal	7720931
CIELab	78.43, -21.69, -18.25
CIELCh	78, 28.341, 220.079
Yxy	53.9536, 0.2441, 0.3027
Android (android.graphics.Color)	4285911011 (0xFF75CFE3)
YUV	182.3700, 22.0026, -57.3295
Hunter-Lab	73.4531, -22.7985, -13.7980

Details

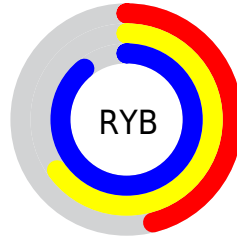
The Hex color **75CFE3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E38975**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3898AC** is the 20% darker color. If you saturate the color by 10%, you get **5ECBE3**, and if you desaturate by 10%, it is **8CD3E3**.

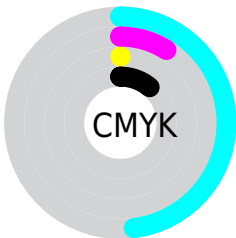
Distribution



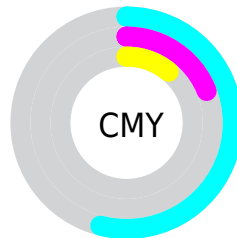
- Red (46%)
- Green (81%)
- Blue (89%)



- Red (46%)
- Yellow (65%)
- Blue (89%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75CFE3 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 75CFE3 by changing the saturation by 10% instead.

 75CFE3

 75CFE3

FFFFFF

 58B3C7

 AFFFFFF

 3898AC

 CCFFFF

 0B7E91

 EAFFFF

 006577

 004D5F

 003647

 002130

 00011C

 000000

■ 75CFE3

■ 75CFE3

■ 5ECBE3

■ 8CD3E3

■ 48C7E3

■ A2D7E3

■ 31C3E3

■ B9DBE3

■ 1ABEE3

■ D0E0E3

■ 03BAE3

■ E7E4E3

■ 00BAE3

■ FDE8E3

■ FFECE3

■ FFF0E3

■ FFF4E3

Harmonies

Analogous

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



7AD1CA



75CFE3



8ACAF3

Triad

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



75CFE3



EBB1D5



CCC38E

Complementary

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



75CFE3



E38975

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.



E5BA91



75CFE3



F7AFBA

Square

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



75CFE3



D1B8EA



F4B3A1



AFCB99

Rectangle

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



75CFE3



A2C4F6



F4B3A1



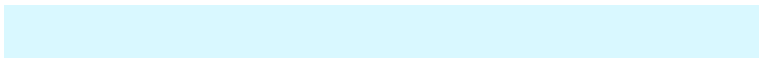
D5C08D

Sweetspot

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



75CFE3



D9F8FF



75E387



697B80



000000



808080

Same Dimension

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



75CFE3



6BE4FF



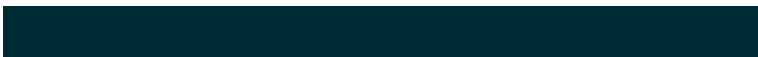
759AE3



677173



0092B3



002A33

Inverse Universe

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



E375CF



FF6BE4



E3BE75



736771



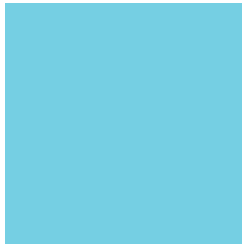
B30092



33002A

Previews

White Background



This preview shows how the Hex color 75CFE3 looks on a white background.

Color Contrast Check

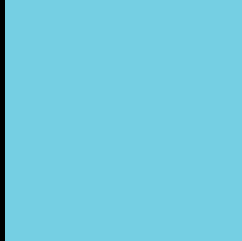
Large Text (above 18pt) WCAG AA × Fail

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 75CFE3 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 75CFE3 Background



This preview shows how black text looks on a background with the Hex color 75CFE3.

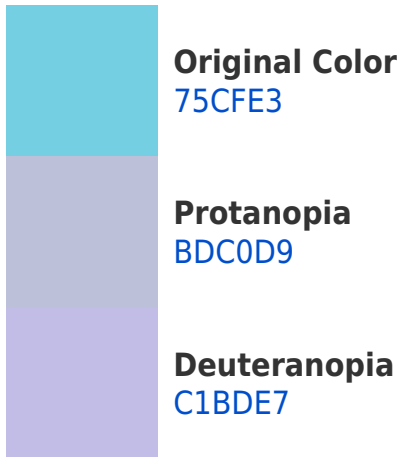


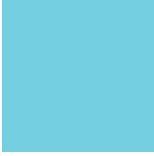
This preview shows how white text looks on a background with the Hex color 75CFE3.

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](#).

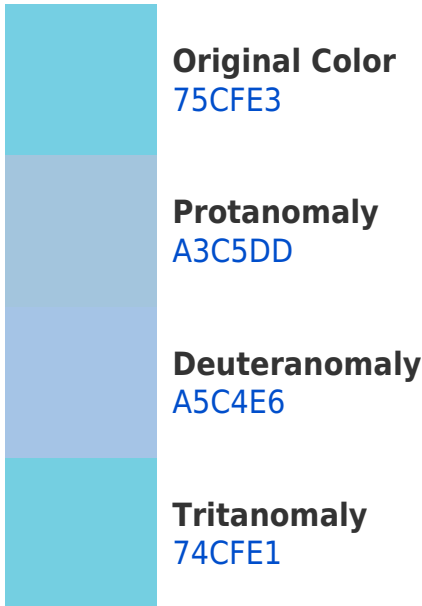
Dichromacy





Tritanopia
74CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75CFE3 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 #75CFE3 looks like.

```
.text, #text, p{  
    color:#75CFE3  
}
```

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 #75CFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CFE3
}
```

Border

The CSS property to change the border of an element to Hex 75CFE3 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
#75CFE3 }
```

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

```
.border{ border-color:#75CFE3 }
```

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

Here you see how a box with a 4 pixel #75CFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CFE3; -webkit-box-shadow:4px 4px  
4px 4px #75CFE3; box-shadow:4px 4px 4px  
4px #75CFE3 }
```

Background

The CSS property to change the background color of an element to Hex 75CFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CFE3 }
```

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

```
.background{ background-color:#75CFE3 }
```

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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