

# Converting Colors

Hex(75CAE3)

Have a look what the booklet for  
Hex(75CAE3) contains.

|  |    |
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**Color**

**Hex(75CAE3)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 75CAE3                       |
| RGB         | 117, 202, 227                |
| RGB Percent | 46%, 79%, 89%                |
| CMY         | 0.5412, 0.2078, 0.1098       |
| CMYK        | 0.48, 0.11, 0.00, 0.11       |
| HSL         | 194°, 66%, 67%               |
| HSV         | 194°, 48%, 89%               |
| XYZ         | 42.3218, 51.5690, 80.3963    |
| YIQ         | 179.4350, -58.6850, -10.2450 |

# Conversions

## Conversions Part 2

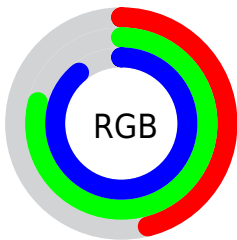
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 117, 165, 227                  |
| Decimal                             | 7719651                        |
| CIE <sub>Lab</sub>                  | 77.02, -19.15, -20.38          |
| CIE <sub>LCh</sub>                  | 77, 27.969, 226.788            |
| Yxy                                 | 51.5690, 0.2428,<br>0.2959     |
| Android<br>(android.graphics.Color) | 4285909731<br>(0xFF75CAE3)     |
| YUV                                 | 179.4350, 23.4495,<br>-54.7555 |
| Hunter-Lab                          | 71.8116, -20.4722,<br>-16.1097 |

# Details

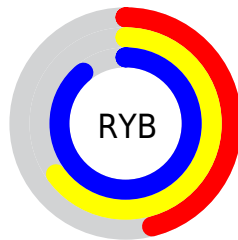
The Hex color **75CAE3** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E38E75**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3994AC** is the 20% darker color. If you saturate the color by 10%, you get **5EC5E3**, and if you desaturate by 10%, it is **8CCFE3**.

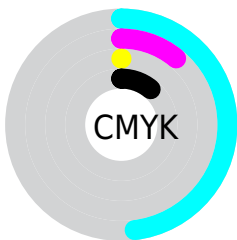
# Distribution



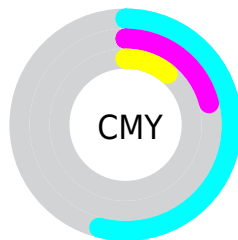
- Red (46%)
- Green (79%)
- Blue (89%)



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



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



- Cyan (54%)
- Magenta (21%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75CAE3 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 75CAE3 by changing the saturation by 10% instead.



 75CAE3

 75CAE3

FFFFFF

 58AFC7

 AFFFFFF

 3994AC

 CCFFFF

 0E7A91

 EAFFFF

 006177

 00495F

 003247

 001E30

 00011C

 000000

 75CAE3

 75CAE3

 5EC5E3

 8CCFE3

 48C0E3

 A2D4E3

 31BBE3

 B9D9E3

 1AB5E3

 D0DFE3

 03B0E3

 E7E4E3

 00AFE3

 FDE9E3

 FFEEE3

 FFF3E3

 FFF8E3

# Harmonies

## Analogous

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



74CDCC



75CAE3



8FC4F0

# Triad

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



75CAE3



EBACCB



C2C18C

# Complementary

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



75CAE3



E38E75

# 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.



DCB98C



75CAE3



F3ACB0

# Square

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



75CAE3



D4B3E2



EDB09A



A5C89A

# Rectangle

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



75CAE3



A6BFF1



EDB09A



CBBE8B

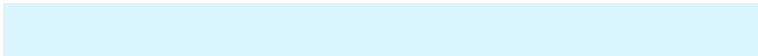


# Sweetspot

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



75CAE3



D9F6FF



75E38D



697A80



000000



808080

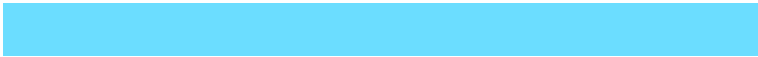


# Same Dimension

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



75CAE3



6BDDFF



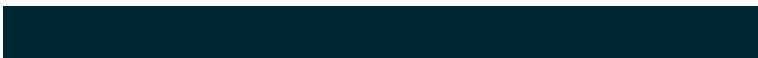
7594E3



677073



008AB3



002733



# Inverse Universe

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



E375CA



FF6BDD



E3C475



736770



B3008A

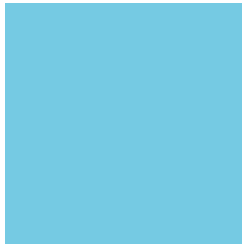


330027



# Previews

## White Background



This preview shows how the Hex color 75CAE3 looks on a white background.

## Color Contrast Check

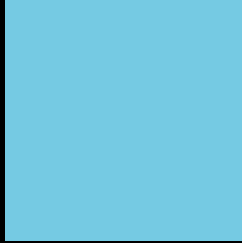
Large Text (above 18pt) WCAG AA × Fail

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 75CAE3 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 75CAE3 Background



This preview shows how black text looks on a background with the Hex color 75CAE3.

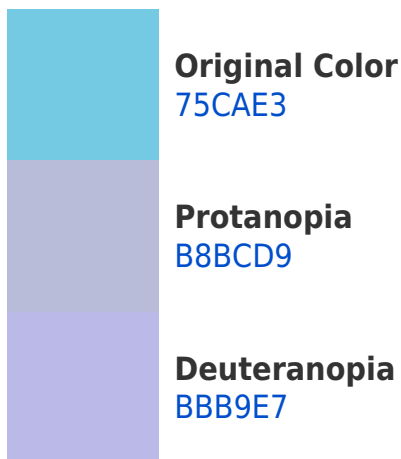


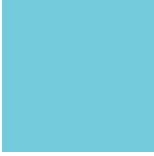
This preview shows how white text looks on a background with the Hex color 75CAE3.

# 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](#).

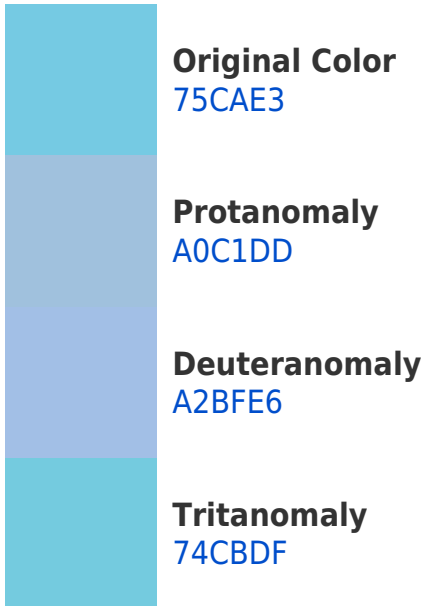
## Dichromacy



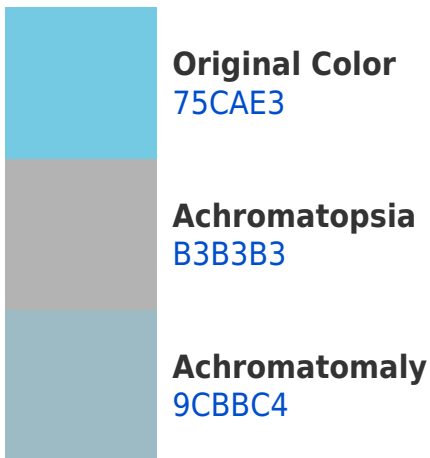


**Tritanopia**  
73CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75CAE3 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 #75CAE3 looks like.

```
.text, #text, p{  
    color:#75CAE3  
}
```

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 #75CAE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CAE3
}
```

## Border

The CSS property to change the border of an element to Hex 75CAE3 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
#75CAE3 }
```

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

```
.border{ border-color:#75CAE3 }
```

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

Here you see how a box with a 4 pixel #75CAE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CAE3; -webkit-box-shadow:4px 4px  
4px 4px #75CAE3; box-shadow:4px 4px 4px  
4px #75CAE3 }
```

# Background

The CSS property to change the background color of an element to Hex 75CAE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CAE3 }
```

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

```
.background{ background-color:#75CAE3 }
```

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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