

# Converting Colors

Hex(75DEE5)

Have a look what the booklet for  
Hex(75DEE5) contains.

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# **Color**

**Hex(75DEE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75DEE5
RGB	117, 222, 229
RGB Percent	46%, 87%, 90%
CMY	0.5412, 0.1294, 0.1020
CMYK	0.49, 0.03, 0.00, 0.10
HSL	184°, 68%, 68%
HSV	184°, 49%, 90%
XYZ	47.6003, 61.6816, 83.5257
YIQ	191.4030, -64.8270, -20.0830

# Conversions

## Conversions Part 2

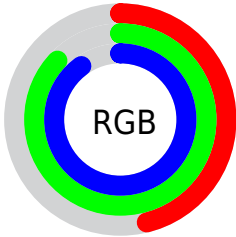
Format	Color
<a href="#">RYB</a>	<a href="#">117, 171, 229</a>
Decimal	<a href="#">7724773</a>
CIELab	<a href="#">82.74, -28.56, -12.84</a>
CIELCh	<a href="#">83, 31.308, 204.204</a>
Yxy	<a href="#">61.6816, 0.2469, 0.3199</a>
Android (android.graphics.Color)	<a href="#">4285914853 (0xFF75DEE5)</a>
YUV	<a href="#">191.4030, 18.5353, -65.2514</a>
Hunter-Lab	<a href="#">78.5376, -29.2552, -8.0793</a>

# Details

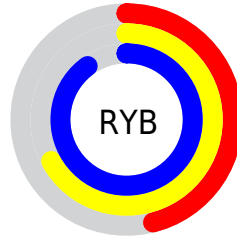
The Hex color **75DEE5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E57C75**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B0FFFF**, and **36A7AE** is the 20% darker color. If you saturate the color by 10%, you get **5EDDE5**, and if you desaturate by 10%, it is **8CDFE5**.

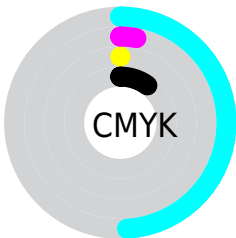
# Distribution



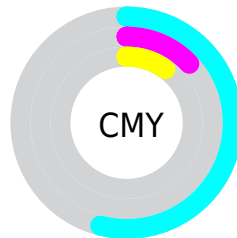
- Red (46%)
- Green (87%)
- Blue (90%)



- Red (46%)
- Yellow (67%)
- Blue (90%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (54%)
- Magenta (13%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75DEE5 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 75DEE5 by changing the saturation by 10% instead.



 75DEE5

 75DEE5

FFFFFF

 57C2C9

 B0FFFF

 36A7AE

 CDFFFF

 008C93

 EBFFFF

 007279

 005960

 004149

 002B32

 00121D

 000001

 75DEE5

 75DEE5

 5EDDE5

 8CDFE5

 47DBE5

 A3E1E5

 30DAE5

 BAE2E5

 19D8E5

 D1E4E5

 02D7E5

 E8E5E5

 00D7E5

 FEE7E5

 FFE8E5

 FFE9E5

 FFEBE5

# Harmonies

## Analogous

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



88DEC7



75DEE5



7EDAFD

# Triad

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



75DEE5



EEBFF1



E9CA94

# Complementary

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



75DEE5



E57C75

# 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.



FFC09F



75DEE5



FFB9D5

# Square

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



75DEE5



CBC8FF



FFBAB7



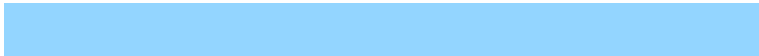
CAD498

# Rectangle

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



75DEE5



93D5FF



FFBAB7



F1C796



# Sweetspot

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



75DEE5



D9FDFD



75E57B



697E80



000000



808080



# Same Dimension

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



75DEE5



69F6FF



75A7E5



677273



00A7B3



003033



# Inverse Universe

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



E575DE



FF69F6



E5B375



736772



B300A7

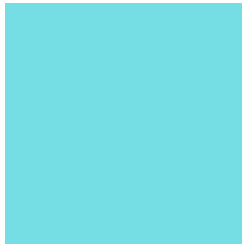


330030



# Previews

## White Background



This preview shows how the Hex color 75DEE5 looks on a white background.

## Color Contrast Check

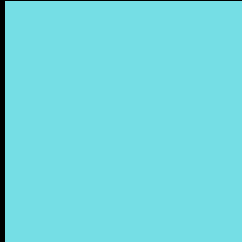
Large Text (above 18pt) WCAG AA × Fail

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 75DEE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

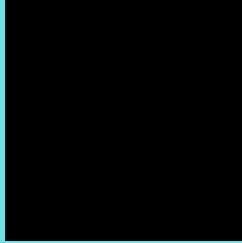
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75DEE5 Background



This preview shows how black text looks on a background with the Hex color 75DEE5.

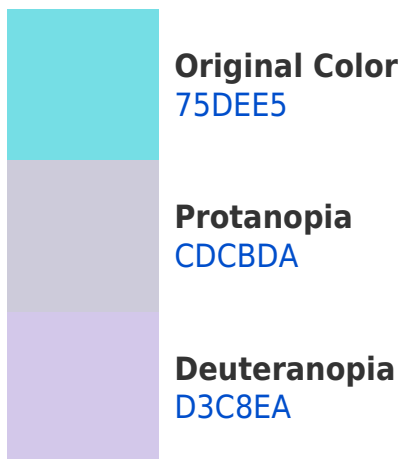


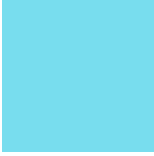
This preview shows how white text looks on a background with the Hex color 75DEE5.

# 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](#).

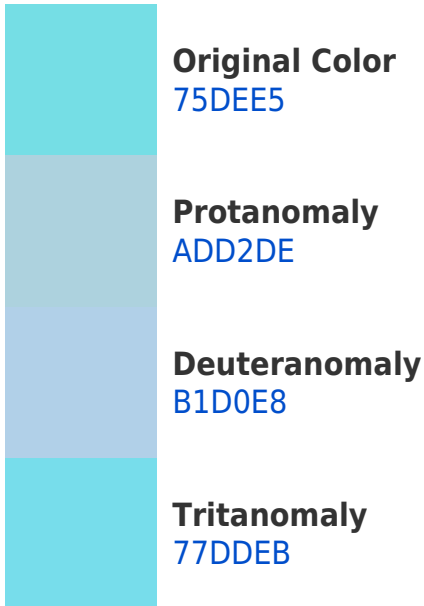
## Dichromacy



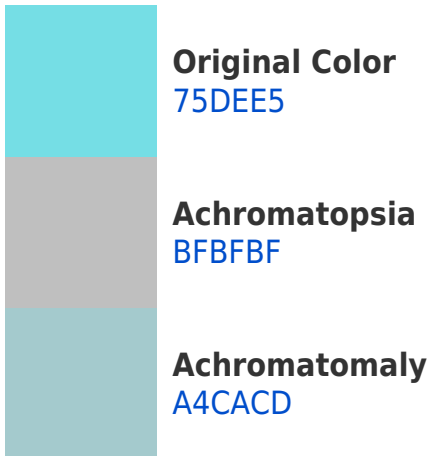


**Tritanopia**  
78DDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75DEE5 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 #75DEE5 looks like.

```
.text, #text, p{  
    color:#75DEE5  
}
```

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 #75DEE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75DEE5
}
```

## Border

The CSS property to change the border of an element to Hex 75DEE5 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
#75DEE5 }
```

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

```
.border{ border-color:#75DEE5 }
```

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

Here you see how a box with a 4 pixel #75DEE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75DEE5; -webkit-box-shadow:4px 4px  
4px 4px #75DEE5; box-shadow:4px 4px 4px  
4px #75DEE5 }
```

# Background

The CSS property to change the background color of an element to Hex 75DEE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75DEE5 }
```

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

```
.background{ background-color:#75DEE5 }
```

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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