

Converting Colors

Hex(75D9E9)

Have a look what the booklet for
Hex(75D9E9) contains.

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Color

Hex(75D9E9)

Conversions

Conversions Part 1

Format	Color
Hex	75D9E9
RGB	117, 217, 233
RGB Percent	46%, 85%, 91%
CMY	0.5412, 0.1490, 0.0863
CMYK	0.50, 0.07, 0.00, 0.09
HSL	188°, 72%, 69%
HSV	188°, 50%, 91%
XYZ	46.8570, 59.2908, 86.0654
YIQ	188.9240, -64.7360, -16.2240

Conversions

Conversions Part 2

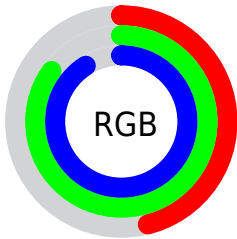
Format	Color
RYB	117, 171, 233
Decimal	7723497
CIELab	81.45, -25.06, -16.90
CIELCh	81, 30.229, 213.996
Yxy	59.2908, 0.2438, 0.3085
Android (android.graphics.Color)	4285913577 (0xFF75D9E9)
YUV	188.9240, 21.7295, -63.0773
Hunter-Lab	77.0005, -26.1287, -12.3696

Details

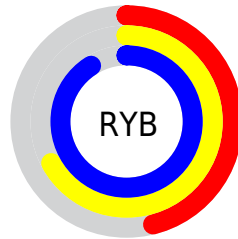
The Hex color **75D9E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E98575**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B0FFFF**, and **36A2B1** is the 20% darker color. If you saturate the color by 10%, you get **5ED6E9**, and if you desaturate by 10%, it is **8CDCE9**.

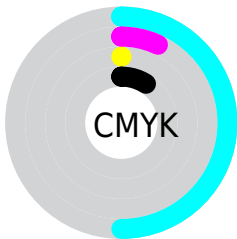
Distribution



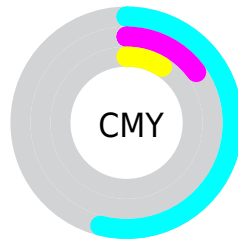
- Red (46%)
- Green (85%)
- Blue (91%)



- Red (46%)
- Yellow (67%)
- Blue (91%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D9E9 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 75D9E9 by changing the saturation by 10% instead.

 75D9E9

 75D9E9

FFFFFF

 57BDCD

 B0FFFF

 36A2B1

 CDFFFF

 008797

 EBFFFF

 006E7D

 005564

 003E4C

 002735

 000C20

 000005

 75D9E9

 75D9E9

 5ED6E9

 8CDCE9

 46D3E9


 A4DFE9

 2FCFE9

 BBE3E9

 18CCE9

 D2E6E9

 01C9E9

 EAE9E9

 00C9E9

 FFECE9

 FFEFE9

 FFF3E9

 FFF6E9

Harmonies

Analogous

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



80DACD



75D9E9



87D4FC

Triad

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



75D9E9



F2B9E4



DBCA92

Complementary

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



75D9E9



E98575

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.



F4C098



75D9E9



FFB6C8

Square

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



75D9E9



D4C2F9



FFB8AC



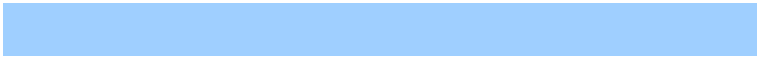
BCD29B

Rectangle

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



75D9E9



9FCFFF



FFB8AC



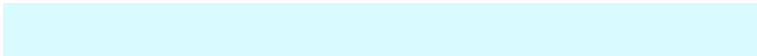
E4C792

Sweetspot

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



75D9E9



D9FAFF



75E984



697C80



000000



808080

Same Dimension

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



75D9E9



66EAFF



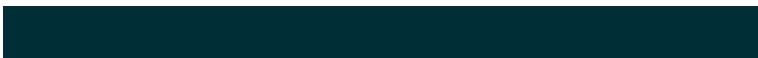
75A0E9



6A7475



009CB5



002E36

Inverse Universe

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



E975D9



FF66EA



E9BE75



756A74



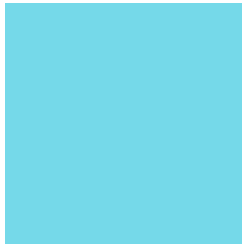
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 75D9E9 looks on a white background.

Color Contrast Check

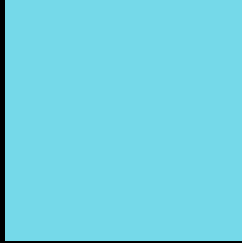
Large Text (above 18pt) WCAG AA × Fail

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 75D9E9 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 75D9E9 Background



This preview shows how black text looks on a background with the Hex color 75D9E9.

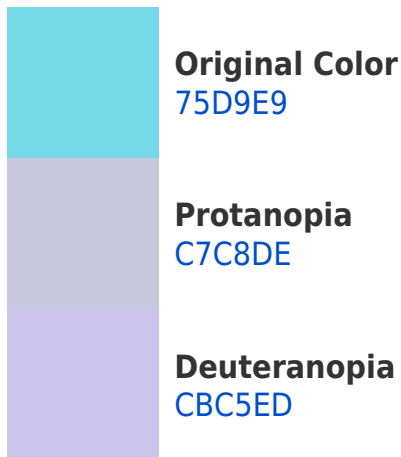


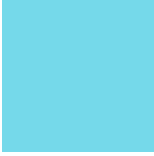
This preview shows how white text looks on a background with the Hex color 75D9E9.

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
75D9EA

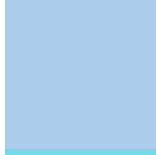
Trichromacy



Original Color
75D9E9



Protanomaly
A9CEE2



Deuteranomaly
ACCCEC

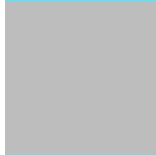


Tritanomaly
75D9EA

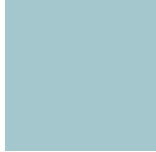
Monochromacy



Original Color
75D9E9



Achromatopsia
BDBDBD



Achromatomaly
A3C7CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 75D9E9 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 #75D9E9 looks like.

```
.text, #text, p{  
    color:#75D9E9  
}
```

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 #75D9E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D9E9  
}
```

Border

The CSS property to change the border of an element to Hex 75D9E9 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  
#75D9E9 }
```

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

```
.border{ border-color:#75D9E9 }
```

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

Here you see how a box with a 4 pixel #75D9E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D9E9; -webkit-box-shadow:4px 4px  
4px 4px #75D9E9; box-shadow:4px 4px 4px  
4px #75D9E9 }
```

Background

The CSS property to change the background color of an element to Hex 75D9E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D9E9 }
```

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

```
.background{ background-color:#75D9E9 }
```

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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