

Converting Colors

Hex(73D7E6)

Have a look what the booklet for
Hex(73D7E6) contains.

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Color

Hex(73D7E6)

Conversions

Conversions Part 1

Format	Color
Hex	73D7E6
RGB	115, 215, 230
RGB Percent	45%, 84%, 90%
CMY	0.5490, 0.1569, 0.0980
CMYK	0.50, 0.07, 0.00, 0.10
HSL	188°, 70%, 68%
HSV	188°, 50%, 90%
XYZ	45.6536, 57.9589, 83.6439
YIQ	186.8100, -64.4150, -16.5350

Conversions

Conversions Part 2

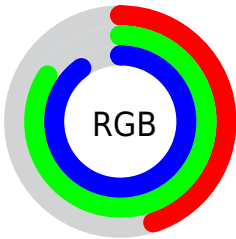
Format	Color
RYB	115, 168, 230
Decimal	7591910
CIELab	80.72, -25.30, -16.42
CIELCh	81, 30.163, 212.978
Yxy	57.9589, 0.2438, 0.3095
Android (android.graphics.Color)	4285781990 (0xFF73D7E6)
YUV	186.8100, 21.2927, -62.9774
Hunter-Lab	76.1307, -26.1870, -11.8497

Details

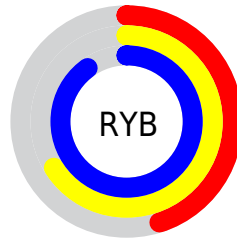
The Hex color **73D7E6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E68273**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **AFFFFFF**, and **34A0AE** is the 20% darker color. If you saturate the color by 10%, you get **5CD4E6**, and if you desaturate by 10%, it is **8ADAE6**.

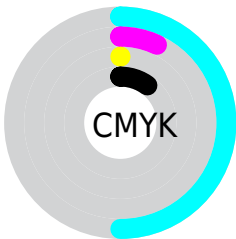
Distribution



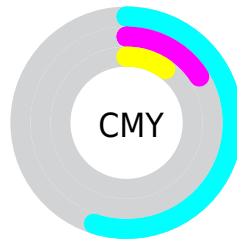
- Red (45%)
- Green (84%)
- Blue (90%)



- Red (45%)
- Yellow (66%)
- Blue (90%)



- Cyan (50%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (55%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73D7E6 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 73D7E6 by changing the saturation by 10% instead.

 73D7E6

 73D7E6

FFFFFF

 55BBCA

 AEFFFF

 34A0AE

 CBFFFF

 008694

 E9FFFF

 006C7A

 005361

 003C49

 002633

 00071E

 000001

 73D7E6

 73D7E6

 5CD4E6

 8ADAE6

 45D1E6

 A1DDE6

 2ECEE6

 B8E0E6

 17CBE6

 CFE3E6

 00C8E6

 E6E6E6

 FDE9E6

 FFECE6

 FFEFE6

 FFF2E6

Harmonies

Analogous

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



7FD8CA



73D7E6



84D2FA

Triad

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



73D7E6



EFB8E2



DAC790

Complementary

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



73D7E6



E68273

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.



F2BE97



73D7E6



FFB4C7

Square

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



73D7E6



D0C0F8



FFB6AB



BBD098

Rectangle

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



73D7E6



9CCDFE



FFB6AB



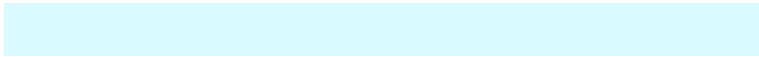
E3C491

Sweetspot

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



73D7E6



D9FAFF



73E680



697D80



000000



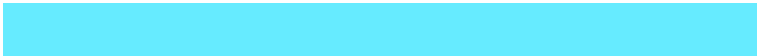
808080

Same Dimension

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



73D7E6



66EBFF



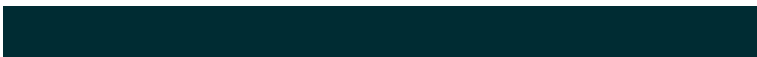
739FE6



677173



009BB3



002C33

Inverse Universe

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



E673D7



FF66EB



E6BA73



736771



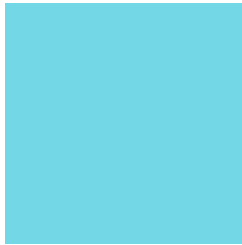
B3009B



33002C

Previews

White Background



This preview shows how the Hex color 73D7E6 looks on a white background.

Color Contrast Check

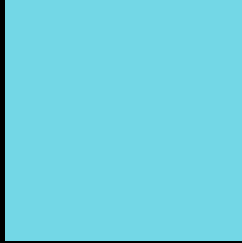
Large Text (above 18pt) WCAG AA × Fail

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 73D7E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

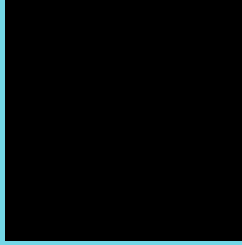
Any Text WCAG AA ✓ Pass

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 73D7E6 Background



This preview shows how black text looks on a background with the Hex color 73D7E6.

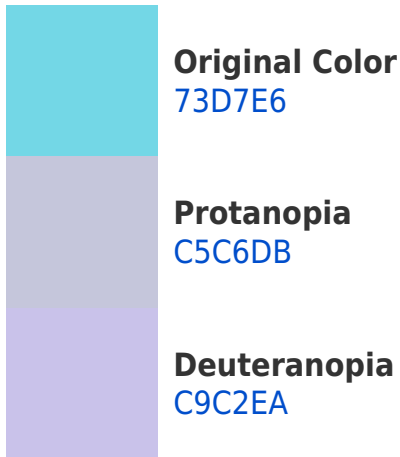


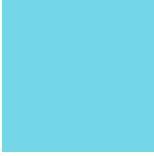
This preview shows how white text looks on a background with the Hex color 73D7E6.

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](#).

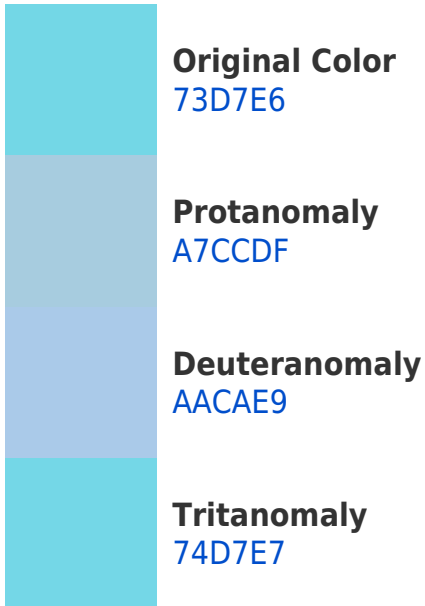
Dichromacy



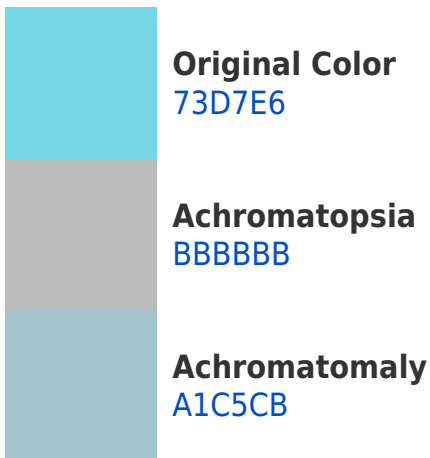


Tritanopia
74D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73D7E6 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 #73D7E6 looks like.

```
.text, #text, p{  
    color:#73D7E6  
}
```

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 #73D7E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73D7E6
}
```

Border

The CSS property to change the border of an element to Hex 73D7E6 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
#73D7E6 }
```

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

```
.border{ border-color:#73D7E6 }
```

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

Here you see how a box with a 4 pixel #73D7E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73D7E6; -webkit-box-shadow:4px 4px  
4px 4px #73D7E6; box-shadow:4px 4px 4px  
4px #73D7E6 }
```

Background

The CSS property to change the background color of an element to Hex 73D7E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73D7E6 }
```

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

```
.background{ background-color:#73D7E6 }
```

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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