

# Converting Colors

Hex(72DEE0)

Have a look what the booklet for  
Hex(72DEE0) contains.

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# **Color**

**Hex(72DEE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72DEE0
RGB	114, 222, 224
RGB Percent	45%, 87%, 88%
CMY	0.5529, 0.1294, 0.1216
CMYK	0.49, 0.01, 0.00, 0.12
HSL	181°, 64%, 66%
HSV	181°, 49%, 88%
XYZ	46.5153, 61.2018, 79.8825
YIQ	189.9360, -65.0100, -22.2740

# Conversions

## Conversions Part 2

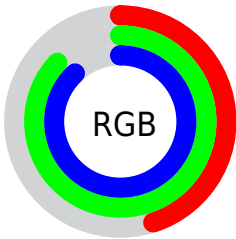
Format	Color
<a href="#">RYB</a>	<a href="#">114, 168, 224</a>
Decimal	<a href="#">7528160</a>
CIELab	<a href="#">82.49, -30.49, -10.58</a>
CIELCh	<a href="#">82, 32.272, 199.132</a>
Yxy	<a href="#">61.2018, 0.2479, 0.3262</a>
Android (android.graphics.Color)	<a href="#">4285718240 (0xFF72DEE0)</a>
YUV	<a href="#">189.9360, 16.7936, -66.5959</a>
Hunter-Lab	<a href="#">78.2316, -30.7720, -5.7791</a>

# Details

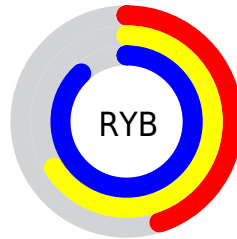
The Hex color **72DEE0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E07472**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **ADFFFF**, and **32A6A9** is the 20% darker color. If you saturate the color by 10%, you get **5CDEE0**, and if you desaturate by 10%, it is **88DEE0**.

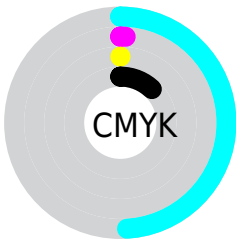
# Distribution



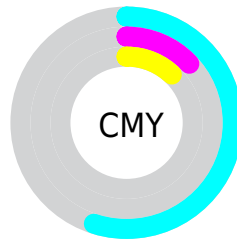
- Red (45%)
- Green (87%)
- Blue (88%)



- Red (45%)
- Yellow (66%)
- Blue (88%)



- Cyan (49%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (55%)
- Magenta (13%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72DEE0 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 72DEE0 by changing the saturation by 10% instead.



 72DEE0

 72DEE0

FFFFFF

 54C2C4

 ADFFFF

 32A6A9

 CBFFFF

 008C8E

 E8FFFF

 007275

 00595C

 004145

 002A2F

 00111A

 000000

 72DEE0

 72DEE0

 5CDEE0

 88DEE0

 45DDE0

 9FDFE0

 2FDDE0

 B5DFE0

 18DCE0

 CCE0E0

 02DCE0

 E2E0E0

 00DCE0

 F8E0E0

 FFE1E0

 FFE2E0

# Harmonies

## Analogous

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



8ADDC1



72DEE0



76DBFA

# Triad

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



72DEE0



E9BFF5



EDC892

# Complementary

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



72DEE0



E07472

# 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.



FFBEA1



72DEE0



FFB8DA

# Square

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



72DEE0



C3C9FF



FFB8BB



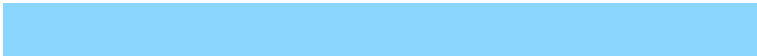
CFD194

# Rectangle

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



72DEE0



8AD6FF



FFB8BB



F5C495



# Sweetspot

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



72DEE0



D9FEFF



72E074



697F80



000000



808080



# Same Dimension

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



72DEE0



69FCFF



72A7E0



657070



00ADB0



003030



# Inverse Universe

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



E072DE



FF69FC



E0AB72



706570



B000AD

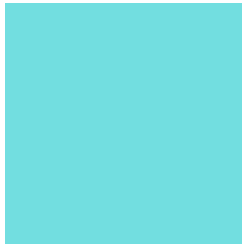


300030



# Previews

## White Background



This preview shows how the Hex color 72DEE0 looks on a white background.

## Color Contrast Check

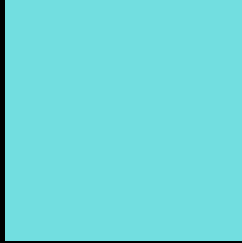
Large Text (above 18pt) WCAG AA × Fail

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 72DEE0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

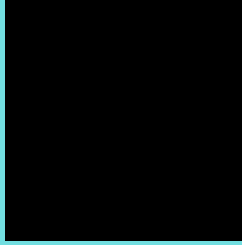
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72DEE0 Background



This preview shows how black text looks on a background with the Hex color 72DEE0.

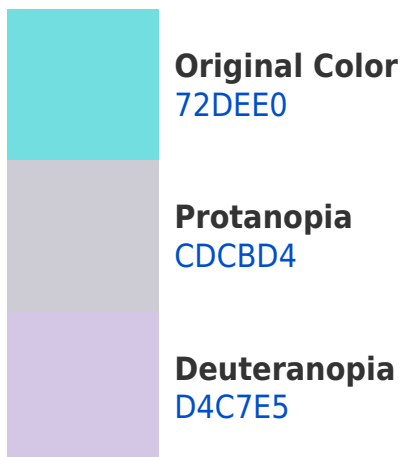


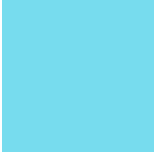
This preview shows how white text looks on a background with the Hex color 72DEE0.

# 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**  
77DCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72DEE0 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 #72DEE0 looks like.

```
.text, #text, p{  
    color:#72DEE0  
}
```

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 #72DEE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DEE0
}
```

## Border

The CSS property to change the border of an element to Hex 72DEE0 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
#72DEE0 }
```

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

```
.border{ border-color:#72DEE0 }
```

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

Here you see how a box with a 4 pixel #72DEE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DEE0; -webkit-box-shadow:4px 4px  
4px 4px #72DEE0; box-shadow:4px 4px 4px  
4px #72DEE0 }
```

# Background

The CSS property to change the background color of an element to Hex 72DEE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DEE0 }
```

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

```
.background{ background-color:#72DEE0 }
```

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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