

Converting Colors

Hex(72CDED)

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

Hex(72CDED)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72CDED)

Conversions

Conversions Part 1

Format	Color
Hex	72CDED
RGB	114, 205, 237
RGB Percent	45%, 80%, 93%
CMY	0.5529, 0.1961, 0.0706
CMYK	0.52, 0.14, 0.00, 0.07
HSL	196°, 77%, 69%
HSV	196°, 52%, 93%
XYZ	44.0568, 53.3545, 88.0972
YIQ	181.4390, -64.5080, -9.3400

Conversions

Conversions Part 2

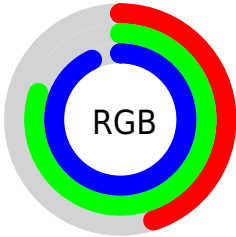
Format	Color
RYB	114, 166, 237
Decimal	7523821
CIELab	78.08, -18.58, -24.15
CIElCh	78, 30.470, 232.432
Yxy	53.3545, 0.2375, 0.2876
Android (android.graphics.Color)	4285713901 (0xFF72CDED)
YUV	181.4390, 27.3916, -59.1440
Hunter-Lab	73.0441, -20.1644, -20.3776

Details

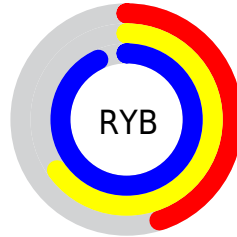
The Hex color **72CDED** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **ED9272**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ADFFFF**, and **3297B5** is the 20% darker color. If you saturate the color by 10%, you get **5AC7ED**, and if you desaturate by 10%, it is **8AD3ED**.

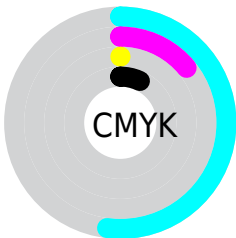
Distribution



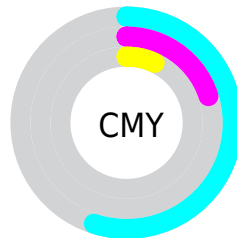
- Red (45%)
- Green (80%)
- Blue (93%)



- Red (45%)
- Yellow (65%)
- Blue (93%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 72CDED

 72CDED

FFFFFF

 54B1D1

 ADFFFF

 3297B5

 CAFFFF

 007D9A

 E8FFFF

 006480

 004C67

 00354F

 002038

 000222

 000009

■ 72CDED

■ 72CDED

■ 5AC7ED

■ 8AD3ED

■ 43C1ED

■ A1D9ED

■ 2BBBED

■ B9DFED

■ 13B4ED

■ D1E6ED

■ 00AFED

■ E9ECED

■ FFF2ED

■ FFF8ED

■ FFFEED

■ FFFFED

Harmonies

Analogous

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



6BD1D6



72CDED



93C6F9

Triad

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



72CDED



F4ADC9



BFC68C

Complementary

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



72CDED



ED9272

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.



DCBD89



72CDED



FAADAD

Square

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



72CDED



DEB3E4



F1B495



9FCD9E

Rectangle

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



72CDED



AEC0F8



F1B495



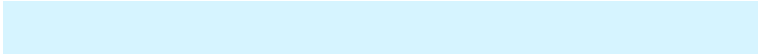
C9C38A

Sweetspot

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



72CEDE



D6F4FF



72ED91



677980



000000



808080

Same Dimension

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



72CEDE



61D6FF



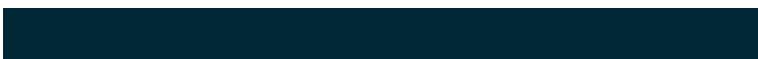
7291ED



6A7275



0086B5



002836

Inverse Universe

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



ED72CD



FF61D6



EDCE72



756A72



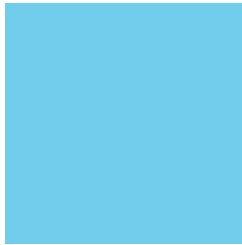
B50086



360028

Previews

White Background



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

Color Contrast Check

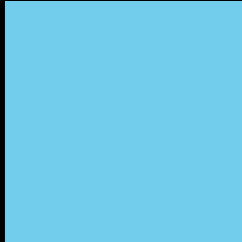
Large Text (above 18pt) WCAG AA × Fail

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 72CDED 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 72CDED Background



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

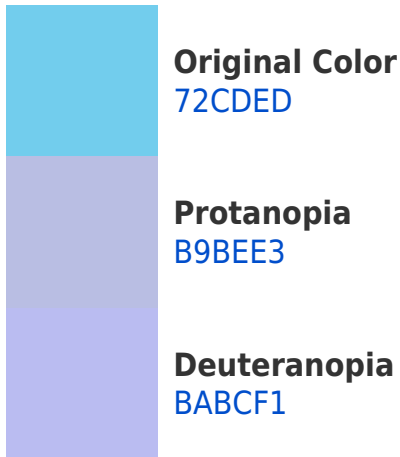


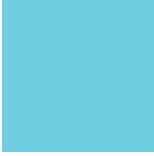
This preview shows how white text looks on a background with the Hex color 72CDED.

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](#).

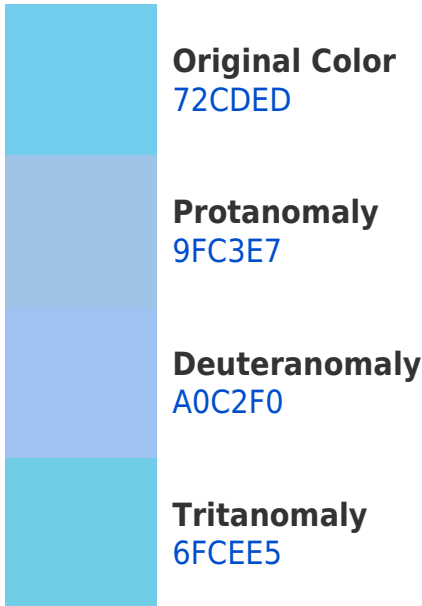
Dichromacy



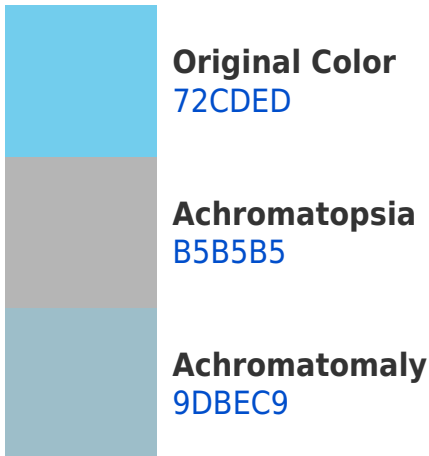


Tritanopia
6DCFE0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #72CDED colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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