

# Converting Colors

Hex(72ACEB)

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

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# **Color**

**Hex(72ACEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72ACEB
RGB	114, 172, 235
RGB Percent	45%, 67%, 92%
CMY	0.5529, 0.3255, 0.0784
CMYK	0.51, 0.27, 0.00, 0.08
HSL	211°, 75%, 68%
HSV	211°, 51%, 92%
XYZ	36.6874, 39.0806, 84.2069
YIQ	161.8400, -54.7910, 7.2970

# Conversions

## Conversions Part 2

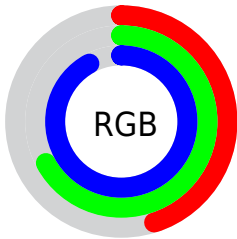
Format	Color
<a href="#">RYB</a>	<a href="#">114, 153, 235</a>
Decimal	<a href="#">7515371</a>
CIELab	<a href="#">68.81, -1.51, -37.36</a>
CIElCh	<a href="#">69, 37.387, 267.689</a>
Yxy	<a href="#">39.0806, 0.2293, 0.2443</a>
Android (android.graphics.Color)	<a href="#">4285705451</a> ( <a href="#">0xFF72ACEB</a> )
YUV	<a href="#">161.8400, 36.0679, -41.9557</a>
Hunter-Lab	<a href="#">62.5145, -4.6456, -36.1034</a>

# Details

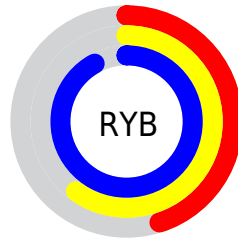
The Hex color **72ACEB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBB172**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACE3FF**, and **3578B3** is the 20% darker color. If you saturate the color by 10%, you get **5BA0EB**, and if you desaturate by 10%, it is **8AB8EB**.

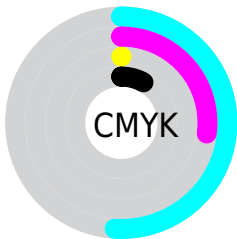
# Distribution



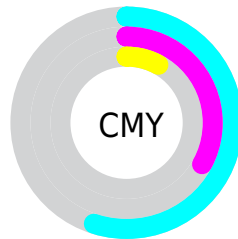
- Red (45%)
- Green (67%)
- Blue (92%)



- Red (45%)
- Yellow (60%)
- Blue (92%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (33%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 72ACEB

 72ACEB

FFFFFF

 5592CF

 ACE3FF

 3578B3

 C9FFFF

 035F98


 E7FFFF

 00487E

 003264

 001D4C

 000535

 00021F

 000002

 72ACEB

 72ACEB

 5BA0EB

 8AB8EB

 4394EB

 A1C4EB

 2C87EB

 B9D1EB

 147BEB

 D0DDEB

 0071EB

 E8E9EB

 FFF5EB

 FFFFEB

# Harmonies

## Analogous

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



34B5E0



72ACEB



A8A0E4

# Triad

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



72ACEB



E9908A



76B683

# Complementary

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



72ACEB



EBB172

# 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.



9EAF6B



72ACEB



DB9970

# Square

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



72ACEB



E68EAC



C1A564



48BAA4

# Rectangle

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



72ACEB



C598D6



C1A564



84B479



# Sweetspot

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



72ACEB



D9EBFF



72EBB1



697480



000000



808080



# Same Dimension

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



72ACEB



61ADFF



7472EB



6A6F75



0057B5



001A36



# Inverse Universe

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



EB72AC



FF61AD



E9EB72



756A6F



B50057

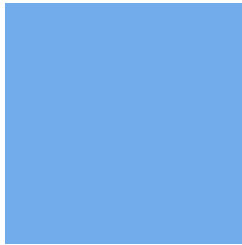


36001A



# Previews

## White Background



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

## Color Contrast Check

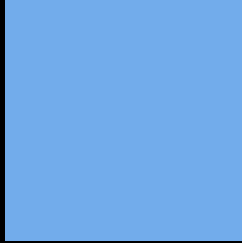
Large Text (above 18pt) WCAG AA × Fail

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 72ACEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

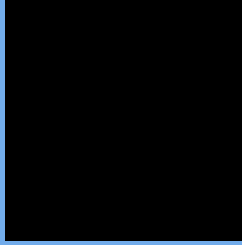
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

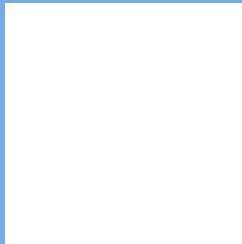
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72ACEB Background



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

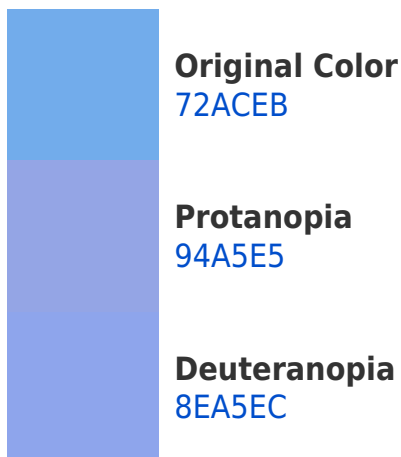


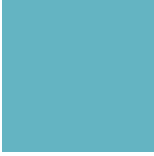
This preview shows how white text looks on a background with the Hex color 72ACEB.

# 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](#).

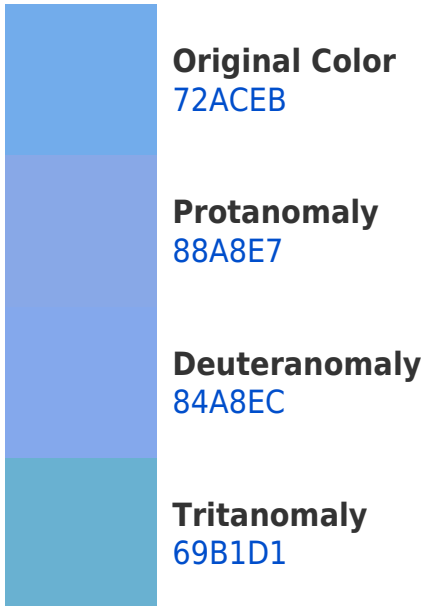
## Dichromacy



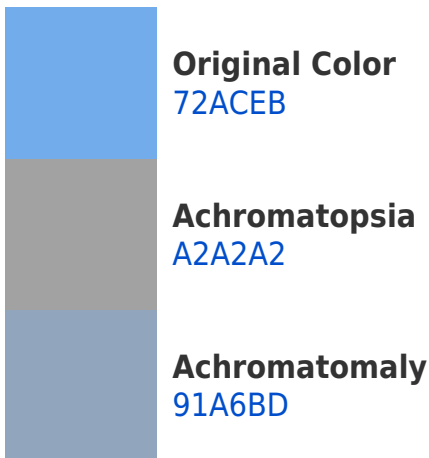


**Tritanopia**  
64B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #72ACEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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