

# Converting Colors

Hex(72B3EB)

Have a look what the booklet for  
Hex(72B3EB) contains.

<b>Hex(72B3EB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(72B3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B3EB
RGB	114, 179, 235
RGB Percent	45%, 70%, 92%
CMY	0.5529, 0.2980, 0.0784
CMYK	0.51, 0.24, 0.00, 0.08
HSL	208°, 75%, 68%
HSV	208°, 51%, 92%
XYZ	38.0549, 41.8158, 84.6628
YIQ	165.9490, -56.7160, 3.6360

# Conversions

## Conversions Part 2

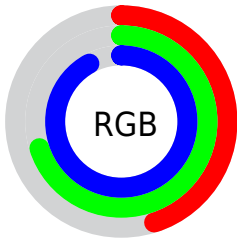
Format	Color
<a href="#">RYB</a>	114, 156, 235
Decimal	7517163
CIELab	70.74, -5.38, -34.35
CIELCh	71, 34.771, 261.106
Yxy	41.8158, 0.2313, 0.2541
Android (android.graphics.Color)	4285707243 (0xFF72B3EB)
YUV	165.9490, 34.0421, -45.5593
Hunter-Lab	64.6651, -8.1181, -32.3599

# Details

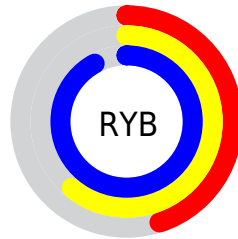
The Hex color **72B3EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBAA72**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ACEBFF**, and **357EB3** is the 20% darker color. If you saturate the color by 10%, you get **5BA8EB**, and if you desaturate by 10%, it is **8ABEEB**.

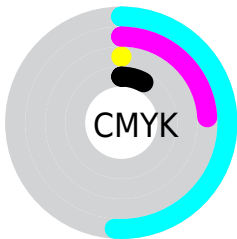
# Distribution



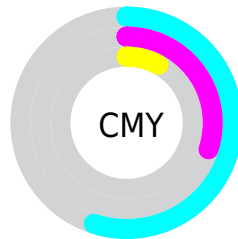
- Red (45%)
- Green (70%)
- Blue (92%)



- Red (45%)
- Yellow (61%)
- Blue (92%)



- Cyan (51%)
- Magenta (24%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (30%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B3EB 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 72B3EB by changing the saturation by 10% instead.



 72B3EB

 72B3EB

FFFFFF

 5598CF

 ACEBFF

 357EB3

 C9FFFF

 026698

 E7FFFF

 004E7E

 003765

 00224C

 000A35

 00021F

 000003

 72B3EB

 72B3EB

 5BA8EB

 8ABEEB

 439DEB

 A1C9EB

 2C92EB

 B9D4EB

 1487EB

 D0DFEB

 007EEB

 E8E9EB

 FFF4EB

 FFFFEB

# Harmonies

## Analogous

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



44BBDD



72B3EB



A4A8E8

# Triad

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



72B3EB



EC9698



87BA84

# Complementary

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



72B3EB



EBA72

# 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.



ACB271



72B3EB



E29D7D

# Square

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



72B3EB



E596B8



CBA86F



61BEA2

# Rectangle

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



72B3EB



C0A1DD



CBA86F



94B77C

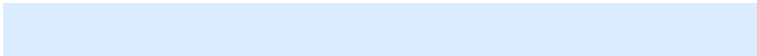


# Sweetspot

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



72B3EB



D9EDFF



72EBA8



697580



000000



808080



# Same Dimension

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



72B3EB



61B6FF



7278EB



6A7075



0061B5



001D36



# Inverse Universe

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



EB72B3



FF61B6



EBE572



756A70



B50061



36001D



# Previews

## White Background



This preview shows how the Hex color 72B3EB looks on a white background.

## Color Contrast Check

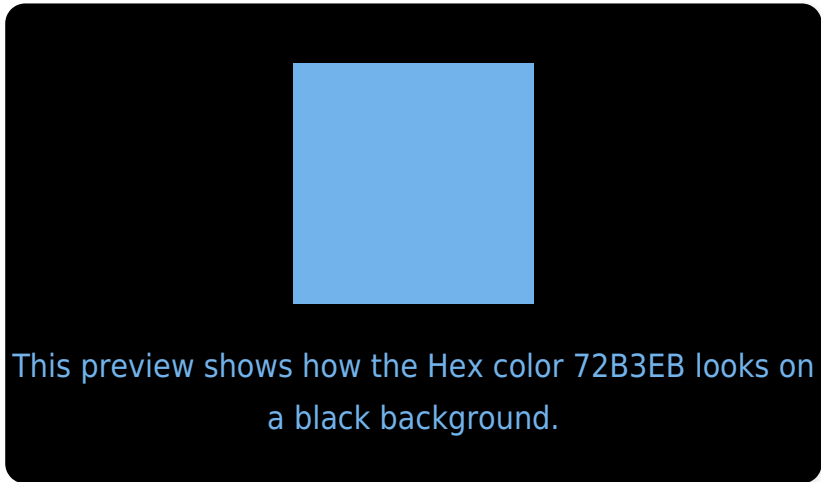
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 72B3EB Background



This preview shows how black text looks on a background with the Hex color 72B3EB.

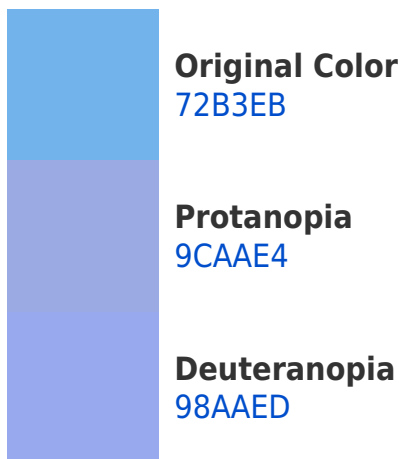


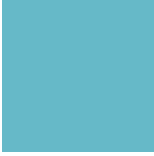
This preview shows how white text looks on a background with the Hex color 72B3EB.

# 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](#).

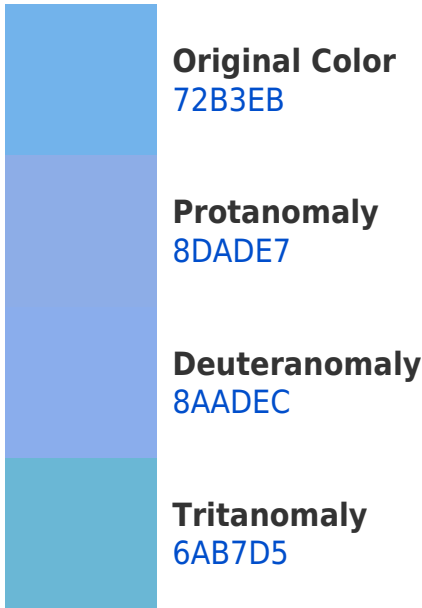
## Dichromacy



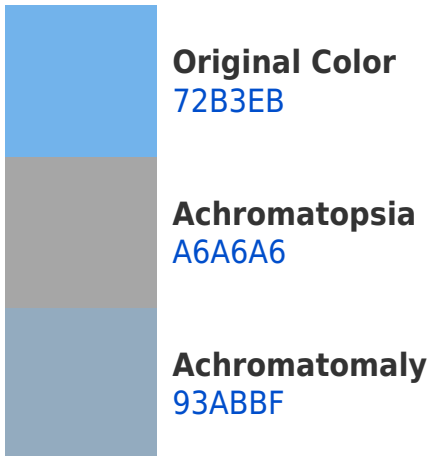


**Tritanopia**  
66B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B3EB 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 #72B3EB looks like.

```
.text, #text, p{  
    color:#72B3EB  
}
```

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 #72B3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B3EB
}
```

## Border

The CSS property to change the border of an element to Hex 72B3EB 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
#72B3EB }
```

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

```
.border{ border-color:#72B3EB }
```

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

Here you see how a box with a 4 pixel #72B3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B3EB; -webkit-box-shadow:4px 4px  
4px 4px #72B3EB; box-shadow:4px 4px 4px  
4px #72B3EB }
```

# Background

The CSS property to change the background color of an element to Hex 72B3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B3EB }
```

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

```
.background{ background-color:#72B3EB }
```

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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