

# Converting Colors

Hex(72EDED)

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

<b>Hex(72EDED)</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(72EDED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72EDED
RGB	114, 237, 237
RGB Percent	45%, 93%, 93%
CMY	0.5529, 0.0706, 0.0706
CMYK	0.52, 0.00, 0.00, 0.07
HSL	180°, 77%, 69%
HSV	180°, 52%, 93%
XYZ	52.5097, 70.2602, 90.9148
YIQ	200.2230, -73.3080, -26.0760

# Conversions

## Conversions Part 2

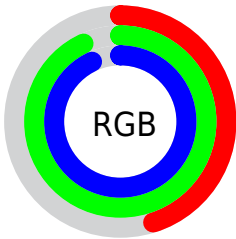
Format	Color
<a href="#">RYB</a>	<a href="#">114, 176, 237</a>
Decimal	<a href="#">7532013</a>
CIELab	<a href="#">87.12, -34.23, -10.53</a>
CIELCh	<a href="#">87, 35.814, 197.099</a>
Yxy	<a href="#">70.2602, 0.2457, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4285722093</a> ( <a href="#">0xFF72EDED</a> )
YUV	<a href="#">200.2230, 18.1311, -75.6176</a>
Hunter-Lab	<a href="#">83.8214, -34.8665, -5.6325</a>

# Details

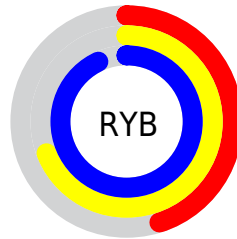
The Hex color **72EDED** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED7272**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **AFFFFFFF**, and **2DB5B5** is the 20% darker color. If you saturate the color by 10%, you get **5AEDED**, and if you desaturate by 10%, it is **8AEDED**.

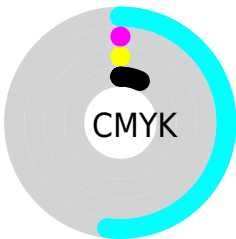
# Distribution



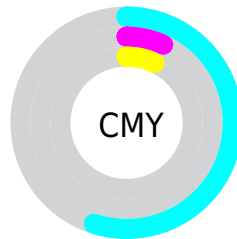
- Red (45%)
- Green (93%)
- Blue (93%)



- Red (45%)
- Yellow (69%)
- Blue (93%)



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



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

# Brightness & Saturation Gradients

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



 72EDED

 72EDED

FFFFFF

 52D0D1

 AFFFFFF

 2DB5B5

 CDFFFF

 009A9A

 EBFFFF

 007F80

 006667

 004D4F

 003539

 002123

 00010D

 72EDED

 72EDED

 5AEDED

 8AEDED

 43EDED

 A1EDED

 2BEDED

 B9EDED

 13EDED

 D1EDED

 00EDED

 E9EDED

 FFEDED

# Harmonies

## Analogous

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



90ECCA



72EDED



73EAFF

# Triad

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



72EDED



F7CBFF



FFD398

# Complementary

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



72EDED



ED7272

# 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.



FFC8AA



72EDED



FFC2EA

# Square

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



72EDED



CBD7FF



FFC1C8



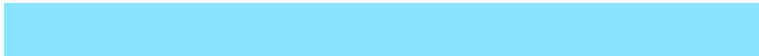
DEDE99

# Rectangle

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



72EDED



89E5FF



FFC1C8



FFCF9C



# Sweetspot

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



72EDED



D6FFFF



72ED72



678080



000000



808080



# Same Dimension

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



72EDED



61FFFF



72AFED



6A7575



00B5B5



003636



# Inverse Universe

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



ED72ED



FF61FF



EDAF72



756A75



B500B5

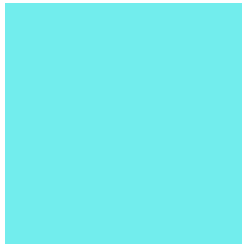


360036



# Previews

## White Background



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

## Color Contrast Check

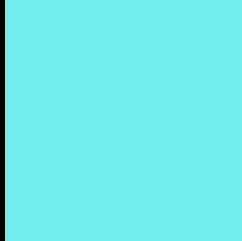
Large Text (above 18pt) WCAG AA × Fail

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 72EDED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

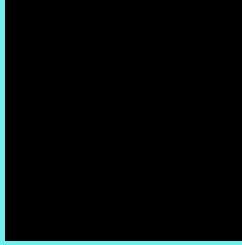
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72EDED Background



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

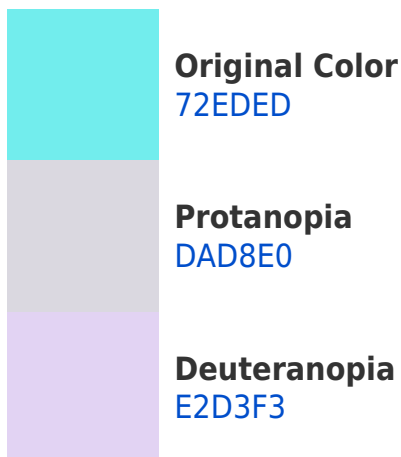


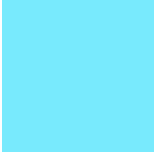
This preview shows how white text looks on a background with the Hex color 72EDED.

# 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**  
78EAFD

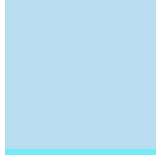
# Trichromacy



**Original Color**  
72EDED



**Protanomaly**  
B4E0E5



**Deuteranomaly**  
B9DCF1

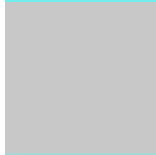


**Tritanomaly**  
76EBF7

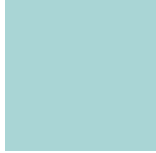
# Monochromacy



**Original Color**  
72EDED



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
A9D5D5

# CSS Examples

## Text

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

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

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 #72EDED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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