

# Converting Colors

Hex(74EDB4)

Have a look what the booklet for  
Hex(74EDB4) contains.

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# **Color**

**Hex(74EDB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74EDB4
RGB	116, 237, 180
RGB Percent	45%, 93%, 71%
CMY	0.5451, 0.0706, 0.2941
CMYK	0.51, 0.00, 0.24, 0.07
HSL	152°, 77%, 69%
HSV	152°, 51%, 93%
XYZ	45.7249, 67.5767, 53.8137
YIQ	194.3230, -53.8190, -43.3790

# Conversions

## Conversions Part 2

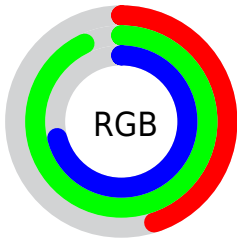
Format	Color
<a href="#">RYB</a>	<a href="#">116, 195, 237</a>
Decimal	<a href="#">7663028</a>
CIELab	<a href="#">85.79, -46.99, 17.38</a>
CIElCh	<a href="#">86, 50.101, 159.702</a>
Yxy	<a href="#">67.5767, 0.2736, 0.4044</a>
Android (android.graphics.Color)	<a href="#">4285853108 (0xFF74EDB4)</a>
YUV	<a href="#">194.3230, -7.0612, -68.6893</a>
Hunter-Lab	<a href="#">82.2050, -44.5718, 18.7307</a>

# Details

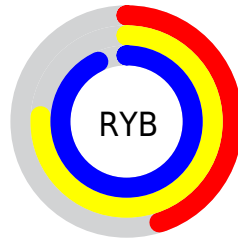
The Hex color **74EDB4** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED74AD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **AFF FEC**, and **35B47F** is the 20% darker color. If you saturate the color by 10%, you get **5CEDA9**, and if you desaturate by 10%, it is **8CEDBF**.

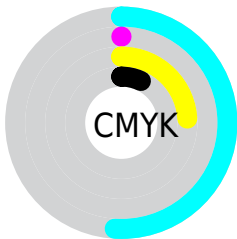
# Distribution



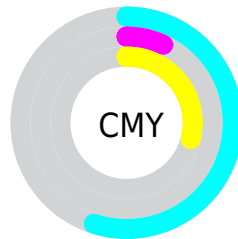
- Red (45%)
- Green (93%)
- Blue (71%)



- Red (45%)
- Yellow (76%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (55%)
- Magenta (7%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74EDB4 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 74EDB4 by changing the saturation by 10% instead.



 74EDB4

 74EDB4

FFFFFF

 56D099

 AFFFEC

 35B47F

 CCFFFF

 009966

 EAFFFF

 007E4E

 006437

 004B21

 00340B

 001D00

 000000

 74EDB4

 74EDB4

 5CEDA9

 8CEDBF

 45ED9E

 A3EDCA

 2DED93

 BBEDD5

 15ED87

 D3EDE1

 00ED7D

 EBEDEC

 FFEDF7

 FFEDFF

# Harmonies

## Analogous

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



B2E58C



74EDB4



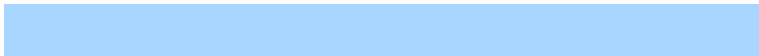
00F0E5

# Triad

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



74EDB4



A8D6FF



FFB99C

# Complementary

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



74EDB4



ED74AD

# 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.



FFB1C9



74EDB4



EFC4FF

# Square

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



74EDB4



44E4FF



FFB5F9



FFC87E

# Rectangle

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



74EDB4



00EEFF



FFB5F9



FFB5AA

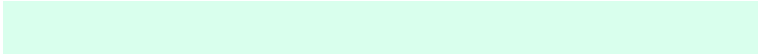


# Sweetspot

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



74EDB4



D9FFED



AEED74



698075



000000



808080



# Same Dimension

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



74EDB4



63FFB6



74EBED



6A7570



00B560



00361C



# Inverse Universe

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



ED74AD



FF63AD



ED7674



756A6F



B50055

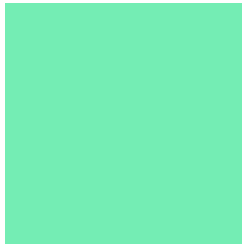


360019



# Previews

## White Background



This preview shows how the Hex color 74EDB4 looks on a white background.

## Color Contrast Check

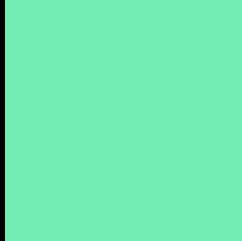
Large Text (above 18pt) WCAG AA × Fail

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 74EDB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

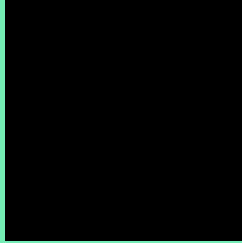
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74EDB4 Background



This preview shows how black text looks on a background with the Hex color 74EDB4.

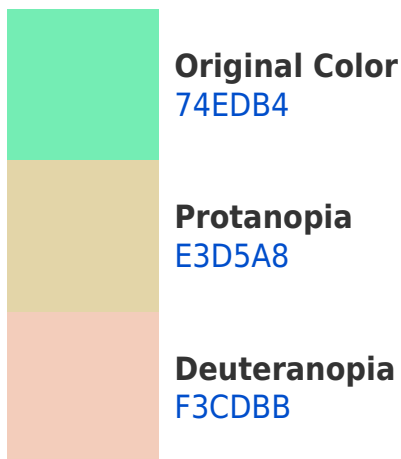


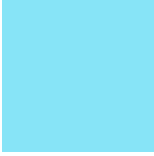
This preview shows how white text looks on a background with the Hex color 74EDB4.

# 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





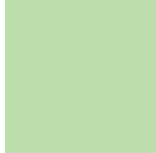
**Tritanopia**  
87E4F7

# Trichromacy



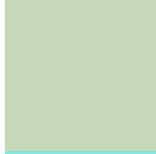
**Original Color**

74EDB4



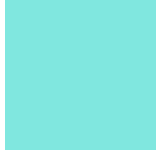
**Protanomaly**

BBDEAC



**Deuteranomaly**

C5D9B8



**Tritanomaly**

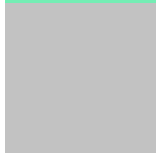
80E7DF

# Monochromacy



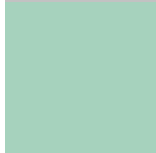
**Original Color**

74EDB4



**Achromatopsia**

C2C2C2



**Achromatomaly**

A6D2BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74EDB4 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 #74EDB4 looks like.

```
.text, #text, p{  
    color:#74EDB4  
}
```

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 #74EDB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EDB4
}
```

## Border

The CSS property to change the border of an element to Hex 74EDB4 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
#74EDB4 }
```

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

```
.border{ border-color:#74EDB4 }
```

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

Here you see how a box with a 4 pixel #74EDB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EDB4; -webkit-box-shadow:4px 4px  
4px 4px #74EDB4; box-shadow:4px 4px 4px  
4px #74EDB4 }
```

# Background

The CSS property to change the background color of an element to Hex 74EDB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EDB4 }
```

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

```
.background{ background-color:#74EDB4 }
```

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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