

# Converting Colors

Hex(74EEB5)

Have a look what the booklet for  
Hex(74EEB5) contains.

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# **Color**

**Hex(74EEB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74EEB5
RGB	116, 238, 181
RGB Percent	45%, 93%, 71%
CMY	0.5451, 0.0667, 0.2902
CMYK	0.51, 0.00, 0.24, 0.07
HSL	152°, 78%, 69%
HSV	152°, 51%, 93%
XYZ	46.1175, 68.1983, 54.4490
YIQ	195.0240, -54.4150, -43.5910

# Conversions

## Conversions Part 2

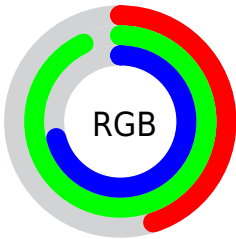
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 196, 238</a>
Decimal	<a href="#">7663285</a>
CIELab	<a href="#">86.11, -47.21, 17.30</a>
CIELCh	<a href="#">86, 50.281, 159.879</a>
Yxy	<a href="#">68.1983, 0.2733, 0.4041</a>
Android (android.graphics.Color)	<a href="#">4285853365 (0xFF74EEB5)</a>
YUV	<a href="#">195.0240, -6.9138, -69.3040</a>
Hunter-Lab	<a href="#">82.5822, -44.8368, 18.7159</a>

# Details

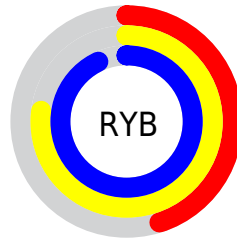
The Hex color **74EEB5** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EE74AD**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AFF FED**, and **35B580** is the 20% darker color. If you saturate the color by 10%, you get **5CEEAA**, and if you desaturate by 10%, it is **8CEE C0**.

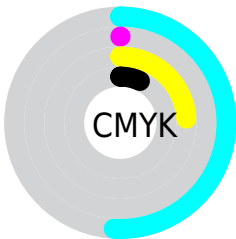
# Distribution



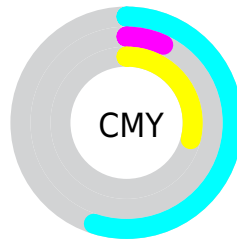
- Red (45%)
- Green (93%)
- Blue (71%)



- Red (45%)
- Yellow (77%)
- 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 74EEB5 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 74EEB5 by changing the saturation by 10% instead.



 74EEB5

FFFFFF

 AFFFED


 CCFFFF

 EAFFFF

 74EEB5

 56D19A

 35B580

 009A67

 007F4F

 006537

 004C21

 00340C

 001E00

 000000

 74EEB5

 74EEB5

 5CEEAA

 8CEEC0

 44EE9F

 A4EECB

 2DEE94

 BBEEED6

 15EE89

 D3EEE1

 00EE7F

 EBEEED

 FFEEF8

 FFEEFF

# Harmonies

## Analogous

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



B2E68C



74EEB5



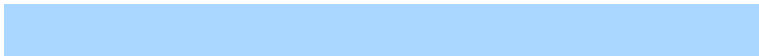
00F1E6

# Triad

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



74EEB5



A9D7FF



FFB99D

# Complementary

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



74EEB5



EE74AD

# 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



74EEB5



F1C5FF

# Square

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



74EEB5



45E5FF



FFB6F9



FFC97E

# Rectangle

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



74EEB5



00EFFF



FFB6F9



FFB5AA

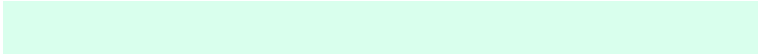


# Sweetspot

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



74EEB5



D9FFED



AFEE74



698075



000000



808080



# Same Dimension

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



74EEB5



61FFB5



74ECEE



6C7872



00B862



00381E



# Inverse Universe

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



EE74AD



FF61AB



EE7674



786C71



B80056

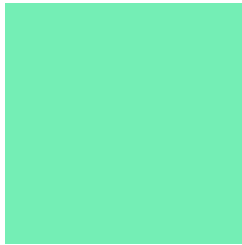


38001A



# Previews

## White Background



This preview shows how the Hex color 74EEB5 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 74EEB5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

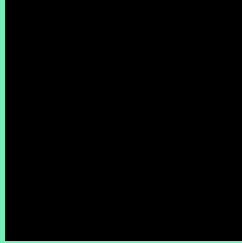
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74EEB5 Background



This preview shows how black text looks on a background with the Hex color 74EEB5.

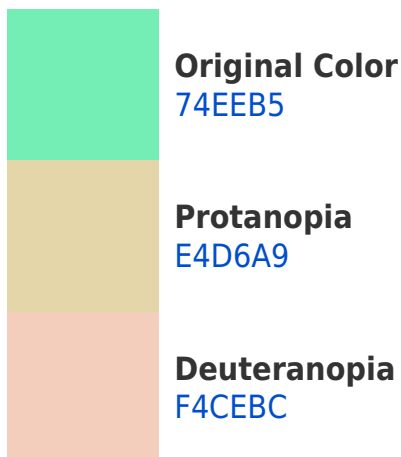


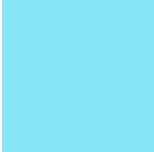
This preview shows how white text looks on a background with the Hex color 74EEB5.

# 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





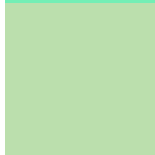
**Tritanopia**  
87E5F8

# Trichromacy



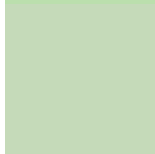
**Original Color**

74EEB5



**Protanomaly**

BDFAD



**Deuteranomaly**

C5DAB9



**Tritanomaly**

80E8E0

# Monochromacy



**Original Color**

74EEB5



**Achromatopsia**

C3C3C3



**Achromatomaly**

A6D3BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74EEB5 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 #74EEB5 looks like.

```
.text, #text, p{  
    color:#74EEB5  
}
```

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 #74EEB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EEB5  
}
```

## Border

The CSS property to change the border of an element to Hex 74EEB5 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  
#74EEB5 }
```

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

```
.border{ border-color:#74EEB5 }
```

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

Here you see how a box with a 4 pixel #74EEB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EEB5; -webkit-box-shadow:4px 4px  
4px 4px #74EEB5; box-shadow:4px 4px 4px  
4px #74EEB5 }
```

# Background

The CSS property to change the background color of an element to Hex 74EEB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EEB5 }
```

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

```
.background{ background-color:#74EEB5 }
```

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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