

# Converting Colors

Hex(ED74A6)

Have a look what the booklet for  
Hex(ED74A6) contains.

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# **Color**

**Hex(ED74A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED74A6
RGB	237, 116, 166
RGB Percent	93%, 45%, 65%
CMY	0.0706, 0.5451, 0.3490
CMYK	0.00, 0.51, 0.30, 0.07
HSL	335°, 77%, 69%
HSV	335°, 51%, 93%
XYZ	48.0534, 33.2485, 39.9613
YIQ	157.8790, 56.0660, 41.2020

# Conversions

## Conversions Part 2

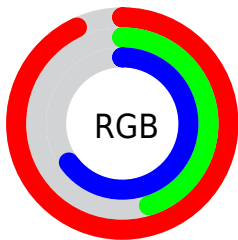
Format	Color
R <sub>Y</sub> B	237, 116, 166
Decimal	15561894
CIE Lab	64.36, 51.93, -4.64
CIE LCh	64, 52.140, 354.896
Yxy	33.2485, 0.3963, 0.2742
Android (android.graphics.Color)	4293751974 (0xFFED74A6)
YUV	157.8790, 4.0037, 69.3891
Hunter-Lab	57.6615, 47.8490, -0.7269

# Details

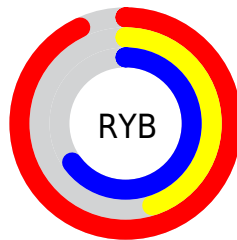
The Hex color **ED74A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **74EDBB**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFABDD**, and **B23E72** is the 20% darker color. If you saturate the color by 10%, you get **ED5C98**, and if you desaturate by 10%, it is **ED8CB4**.

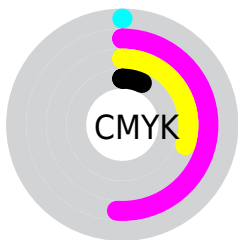
# Distribution



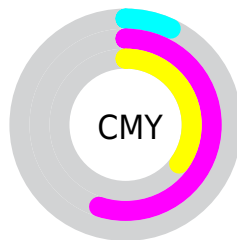
- Red (93%)
- Green (45%)
- Blue (65%)



- Red (93%)
- Yellow (45%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED74A6 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 ED74A6 by changing the saturation by 10% instead.



 ED74A6

 ED74A6

FFFFFF

 CF598C

 FFABDD

 B23E72

 FFC8FA

 95205A

 FFE5FF

 790042

 5D002C

 430018

 290001

 000000

 ED74A6

 ED74A6

 ED5C98

 ED8CB4

 ED458A

 EDA3C2

 ED2D7C

 EDBBD0

 ED156E

 EDD3DE

 ED0062

 EDEBEC

 EDFFF9

 EDFFFF

# Harmonies

## Analogous

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



CE80D2



ED74A6



F27777

# Triad

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



ED74A6



90A543



00AEE7

# Complementary

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



ED74A6



74EDBB

# 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.



00B3C2



ED74A6



56AE64

# Square

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



ED74A6



BD973B



00B392



0BA3F9

# Rectangle

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



ED74A6



E8805C



00B392



00B0DD



# Sweetspot

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



ED74A6



FFD9E9



BB74ED



806972



000000



808080



# Same Dimension

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



ED74A6



FF63A4



ED7E74



756A6E



B5004B



360016



# Inverse Universe

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



ED74A6



FF63A4



74E3ED



756A6E



B5004B



360016



# Previews

## White Background



This preview shows how the Hex color ED74A6 looks on a white background.

## Color Contrast Check

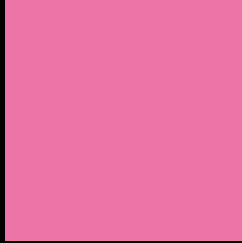
Large Text (above 18pt) WCAG AA × Fail

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 ED74A6 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 ED74A6 Background



This preview shows how black text looks on a background with the Hex color ED74A6.

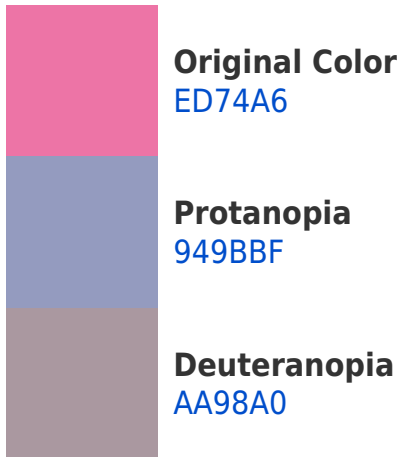


This preview shows how white text looks on a background with the Hex color ED74A6.

# 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**  
EA7B84

# Trichromacy



**Original Color**  
ED74A6



**Protanomaly**  
B48DB6



**Deuteranomaly**  
C28BA2

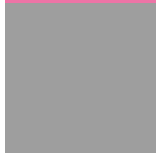


**Tritanomaly**  
EB7890

# Monochromacy



**Original Color**  
ED74A6



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BB8FA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED74A6 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 #ED74A6 looks like.

```
.text, #text, p{  
    color:#ED74A6  
}
```

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 #ED74A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED74A6
}
```

## Border

The CSS property to change the border of an element to Hex ED74A6 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
#ED74A6 }
```

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

```
.border{ border-color:#ED74A6 }
```

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

Here you see how a box with a 4 pixel #ED74A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED74A6; -webkit-box-shadow:4px 4px  
4px 4px #ED74A6; box-shadow:4px 4px 4px  
4px #ED74A6 }
```

# Background

The CSS property to change the background color of an element to Hex ED74A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED74A6 }
```

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

```
.background{ background-color:#ED74A6 }
```

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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