

# Converting Colors

Hex(ED7286)

Have a look what the booklet for  
Hex(ED7286) contains.

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# **Color**

**Hex(ED7286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED7286
RGB	237, 114, 134
RGB Percent	93%, 45%, 53%
CMY	0.0706, 0.5529, 0.4745
CMYK	0.00, 0.52, 0.43, 0.07
HSL	350°, 77%, 69%
HSV	350°, 52%, 93%
XYZ	45.2454, 31.7604, 26.2999
YIQ	153.0570, 66.8880, 32.2960

# Conversions

## Conversions Part 2

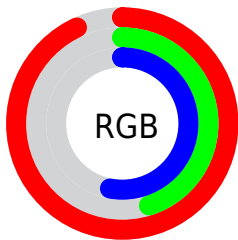
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 114, 134
Decimal	15561350
CIE Lab	63.14, 49.27, 11.90
CIE LCh	63, 50.683, 13.580
Yxy	31.7604, 0.4380, 0.3074
Android (android.graphics.Color)	4293751430 (0xFFED7286)
YUV	153.0570, -9.3951, 73.6180
Hunter-Lab	56.3564, 44.6843, 11.7805

# Details

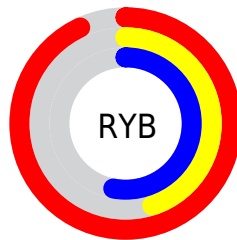
The Hex color **ED7286** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72EDD9**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA9BB**, and **B13C55** is the 20% darker color. If you saturate the color by 10%, you get **ED5A72**, and if you desaturate by 10%, it is **ED8A9A**.

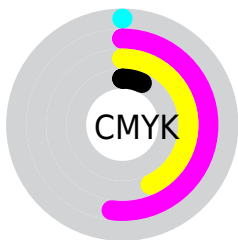
# Distribution



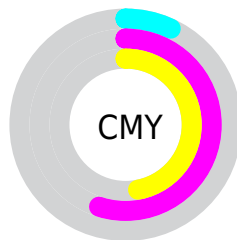
- Red (93%)
- Green (45%)
- Blue (53%)



- Red (93%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7286 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 ED7286 by changing the saturation by 10% instead.



 ED7286

 ED7286

FFFFFF

 CF576D

 FFA9BB

 B13C55

 FFC5D7

 941F3E

 FFE2F3

 770028

 5B0014

 400001

 210001

 000000

 ED7286

 ED7286

 ED5A72

 ED8A9A

 ED435E

 EDA1AE

 ED2B4A

 EDB9C2

 ED1337

 EDD1D5

 ED0027

 EDE9E9

 EDFFFD

 EDFFFF

# Harmonies

## Analogous

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



DF75B3



ED7286



E37D5D

# Triad

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



ED7286



6DA855



00A5EF

# Complementary

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



ED7286



72EDD9

# 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.



00ADD6



ED7286



0FAE7E

# Square

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



ED7286



9F9D3C



00AFAD



7097F0

# Rectangle

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



ED7286



D28848



00AFAD



00A8E9



# Sweetspot

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



ED7286



FFD6DD



D972ED



80676B



000000



808080



# Same Dimension

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



ED7286



FF617B



ED9B72



756A6B



B5001D



360009



# Inverse Universe

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



ED7286



FF617B



72C4ED



756A6B



B5001D



360009



# Previews

## White Background



This preview shows how the Hex color ED7286 looks on a white background.

## Color Contrast Check

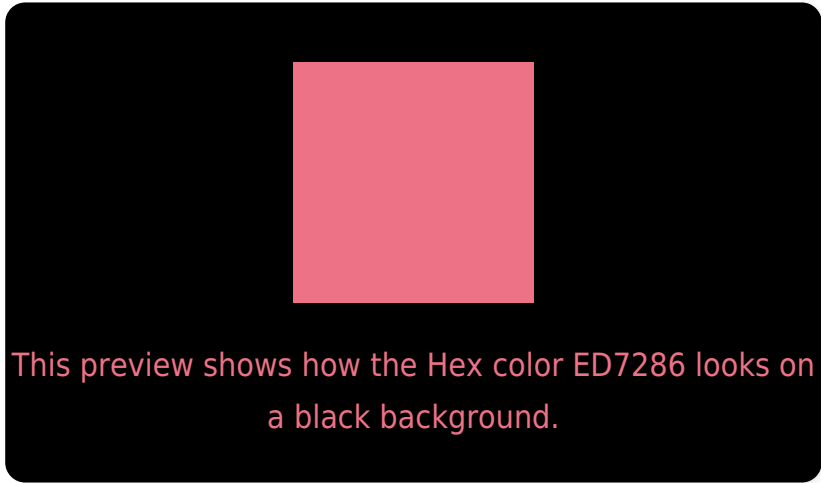
Large Text (above 18pt) WCAG AA × Fail

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 ED7286 Background



This preview shows how black text looks on a background with the Hex color ED7286.

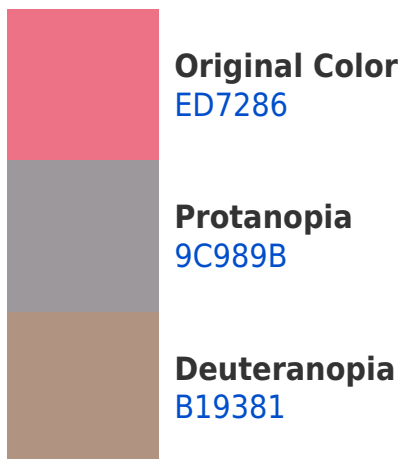


This preview shows how white text looks on a background with the Hex color ED7286.

# 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





# Trichromacy



**Original Color**  
ED7286



**Protanomaly**  
B98A93



**Deuteranomaly**  
C78783

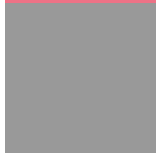


**Tritanomaly**  
EC7380

# Monochromacy



**Original Color**  
ED7286



**Achromatopsia**  
999999



**Achromatomaly**  
B88B92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7286 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 #ED7286 looks like.

```
.text, #text, p{  
    color:#ED7286  
}
```

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 #ED7286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7286
}
```

## Border

The CSS property to change the border of an element to Hex ED7286 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
#ED7286 }
```

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

```
.border{ border-color:#ED7286 }
```

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

Here you see how a box with a 4 pixel #ED7286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7286; -webkit-box-shadow:4px 4px  
4px 4px #ED7286; box-shadow:4px 4px 4px  
4px #ED7286 }
```

# Background

The CSS property to change the background color of an element to Hex ED7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7286 }
```

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

```
.background{ background-color:#ED7286 }
```

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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