

# Converting Colors

Hex(E790D4)

Have a look what the booklet for  
Hex(E790D4) contains.

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**Color**

**Hex(E790D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E790D4
RGB	231, 144, 212
RGB Percent	91%, 56%, 83%
CMY	0.0941, 0.4353, 0.1686
CMYK	0.00, 0.38, 0.08, 0.09
HSL	313°, 64%, 74%
HSV	313°, 38%, 91%
XYZ	54.8119, 41.6889, 67.4452
YIQ	177.7650, 30.0240, 39.5920

# Conversions

## Conversions Part 2

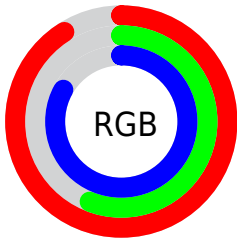
Format	Color
R <sub>YB</sub>	231, 144, 212
Decimal	15175892
CIE Lab	70.66, 42.66, -21.08
CIE LCh	71, 47.588, 333.705
Yxy	41.6889, 0.3343, 0.2543
Android (android.graphics.Color)	4293365972 (0xFFE790D4)
YUV	177.7650, 16.8779, 46.6871
Hunter-Lab	64.5669, 38.5394, -16.7362

# Details

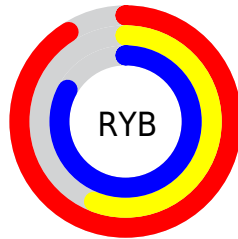
The Hex color **E790D4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90E7A3**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFC7FF**, and **AE5B9D** is the 20% darker color. If you saturate the color by 10%, you get **E779CF**, and if you desaturate by 10%, it is **E7A7D9**.

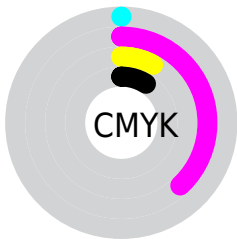
# Distribution



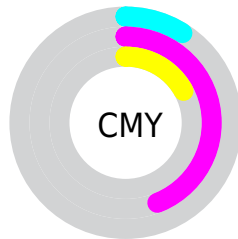
- Red (91%)
- Green (56%)
- Blue (83%)



- Red (91%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E790D4 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 E790D4 by changing the saturation by 10% instead.



 E790D4

 E790D4

FFFFFF

 CA75B8

 FFC7FF

 AE5B9D

 FFE4FF

 924283

 77286A

 5D0A51

 44003A

 2E0025

 01000C

 000000

 E790D4

 E790D4

 E779CF

 E7A7D9

 E762CA

 E7BEDE

 E74BC5

 E7D5E3

 E734C0

 E7ECE8

 E71CBB

 E7FFED

 E705B6

 E7FFF2

 E700B5

 E7FFF7

 E7FFFC

 E7FFFF

# Harmonies

## Analogous

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



B89FF5



E790D4



FD89A9

# Triad

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



E790D4



C2AC54



00C2DC

# Complementary

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



E790D4



90E7A3

# 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.



00C3B1



E790D4



95B862

# Square

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



E790D4



E69D60



5CC085



00BBFA

# Rectangle

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



E790D4



FF8B8C



5CC085



00C3CE

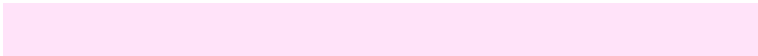


# Sweetspot

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



E790D4



FFE3F9



A390E7



806F7C



000000



808080



# Same Dimension

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



E790D4



FF8CE6



E790A9



736770



B3008C



330028



# Inverse Universe

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



E790D4



FF8CE6



90E7CE



736770



B3008C



330028



# Previews

## White Background



This preview shows how the Hex color E790D4 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 E790D4 Background



This preview shows how black text looks on a background with the Hex color E790D4.

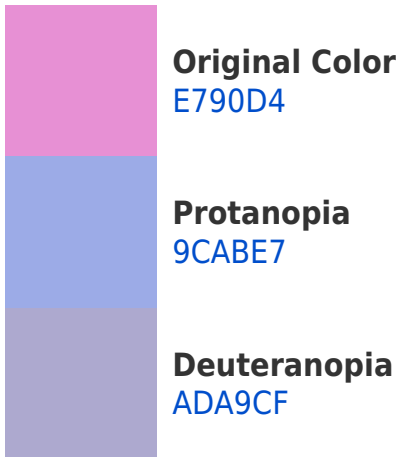


This preview shows how white text looks on a background with the Hex color E790D4.

# 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**  
E199A5

# Trichromacy



**Original Color**  
E790D4



**Protanomaly**  
B7A1E0



**Deuteranomaly**  
C2A0D1

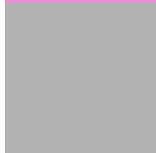


**Tritanomaly**  
E396B6

# Monochromacy



**Original Color**  
E790D4



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C5A6BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E790D4 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 #E790D4 looks like.

```
.text, #text, p{  
    color:#E790D4  
}
```

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 #E790D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E790D4
}
```

## Border

The CSS property to change the border of an element to Hex E790D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

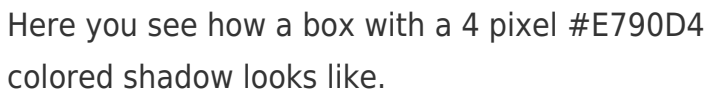
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E790D4 }
```

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

```
.border{ border-color:#E790D4 }
```

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



Here you see how a box with a 4 pixel `#E790D4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E790D4; -webkit-box-shadow:4px 4px  
4px 4px #E790D4; box-shadow:4px 4px 4px  
4px #E790D4 }
```

# Background

The CSS property to change the background color of an element to Hex E790D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E790D4 }
```

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

```
.background{ background-color:#E790D4 }
```

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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