

# Converting Colors

Hex(E20E7C)

Have a look what the booklet for  
Hex(E20E7C) contains.

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**Color**

**Hex(E20E7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E20E7C
RGB	226, 14, 124
RGB Percent	89%, 5%, 49%
CMY	0.1137, 0.9451, 0.5137
CMYK	0.00, 0.94, 0.45, 0.11
HSL	329°, 88%, 47%
HSV	329°, 94%, 89%
XYZ	35.1592, 17.9381, 20.6781
YIQ	89.9280, 91.0420, 79.1540

# Conversions

## Conversions Part 2

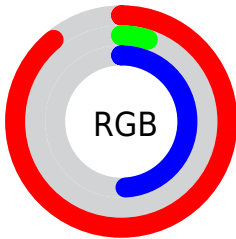
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 14, 124
Decimal	14814844
CIE Lab	49.42, 76.94, -2.17
CIE LCh	49, 76.969, 358.388
Yxy	17.9381, 0.4766, 0.2431
Android (android.graphics.Color)	4293004924 (0xFFE20E7C)
YUV	89.9280, 16.7975, 119.3351
Hunter-Lab	42.3534, 74.0614, 0.7003

# Details

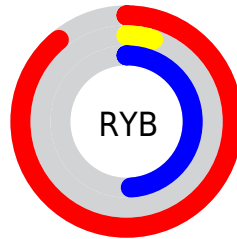
The Hex color **E20E7C** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0EE274**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60B0**, and **A4004C** is the 20% darker color. If you saturate the color by 10%, you get **E20075**, and if you desaturate by 10%, it is **E22587**.

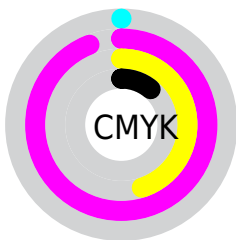
# Distribution



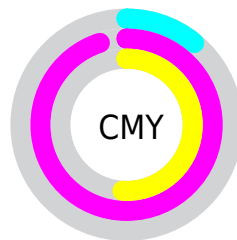
- Red (89%)
- Green (5%)
- Blue (49%)



- Red (89%)
- Yellow (5%)
- Blue (49%)



- Cyan (0%)
- Magenta (94%)
- Yellow (45%)
- Black (11%)



- Cyan (11%)
- Magenta (95%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E20E7C 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 E20E7C by changing the saturation by 10% instead.



 E20E7C

 E20E7C

FFFFFF

 C30063

 FF60B0

 A4004C

 FF7FCC

 860035

 FF9DE8

 680020

 FFBBFF

 4C0007

 FFD9FF

 2C0001

 FFF7FF

 000000

 E20E7C

 E20E7C

 E20075

 E22587

 E23B92

 E2529D

 E268A7

 E27FB2

 E296BD

 E2ACC8

 E2C3D3

 E2D9DE

# Harmonies

## Analogous

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



BE3EBB



E20E7C



E02B3C

# Triad

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



E20E7C



518300



008DE5

# Complementary

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



E20E7C



0EE274

# 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.



0091B2



E20E7C



008C29

# Square

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



E20E7C



927200



009070



007FFA

# Rectangle

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



E20E7C



CF480B



009070



008FD7



# Sweetspot

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



E20E7C



FFB8DD



710EE2



80546B



000000



808080



# Same Dimension

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



E20E7C



FF0084



E20E15



70656B



B0005B



300019



# Inverse Universe

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



E20E7C



FF0084



0EE2DB



70656B



B0005B



300019



# Previews

## White Background



This preview shows how the Hex color E20E7C looks on a white background.

## Color Contrast Check

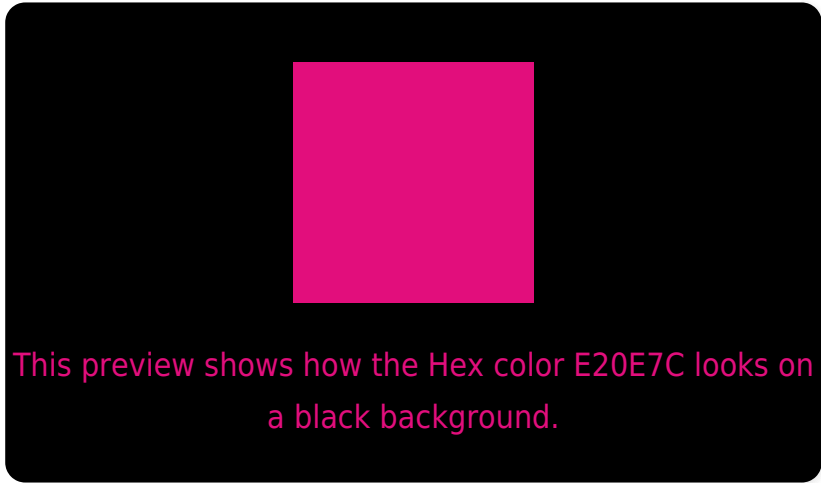
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 × Fail

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



## Hex E20E7C Background



This preview shows how black text looks on a background with the Hex color E20E7C.



This preview shows how white text looks on a background with the Hex color E20E7C.

# 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**  
E20E7C



**Protanomaly**  
91509E



**Deuteranomaly**  
A64E76

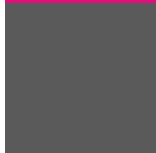


**Tritanomaly**  
DF254E

# Monochromacy



**Original Color**  
E20E7C



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8B3E66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E20E7C 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 #E20E7C looks like.

```
.text, #text, p{  
    color:#E20E7C  
}
```

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 #E20E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E20E7C
}
```

## Border

The CSS property to change the border of an element to Hex E20E7C 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
#E20E7C }
```

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

```
.border{ border-color:#E20E7C }
```

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

Here you see how a box with a 4 pixel #E20E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E20E7C; -webkit-box-shadow:4px 4px  
4px 4px #E20E7C; box-shadow:4px 4px 4px  
4px #E20E7C }
```

# Background

The CSS property to change the background color of an element to Hex E20E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E20E7C }
```

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

```
.background{ background-color:#E20E7C }
```

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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