

# Converting Colors

Hex(E070AC)

Have a look what the booklet for  
Hex(E070AC) contains.

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**Color**

**Hex(E070AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E070AC
RGB	224, 112, 172
RGB Percent	88%, 44%, 67%
CMY	0.1216, 0.5608, 0.3255
CMYK	0.00, 0.50, 0.23, 0.12
HSL	328°, 64%, 66%
HSV	328°, 50%, 88%
XYZ	43.9810, 30.4142, 42.5822
YIQ	152.3280, 47.4920, 42.4040

# Conversions

## Conversions Part 2

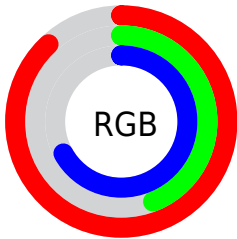
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 112, 172
Decimal	14708908
CIE <sub>Lab</sub>	62.01, 50.48, -11.76
CIE <sub>LCh</sub>	62, 51.835, 346.889
Yxy	30.4142, 0.3760, 0.2600
Android (android.graphics.Color)	4292898988 (0xFFE070AC)
YUV	152.3280, 9.6983, 62.8563
Hunter-Lab	55.1491, 45.8418, -7.1752

# Details

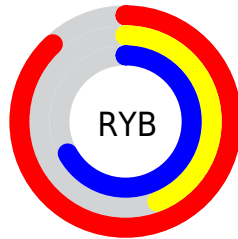
The Hex color **E070AC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70E0A4**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA7E3**, and **A63A78** is the 20% darker color. If you saturate the color by 10%, you get **E05AA2**, and if you desaturate by 10%, it is **E086B6**.

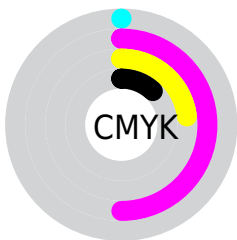
# Distribution



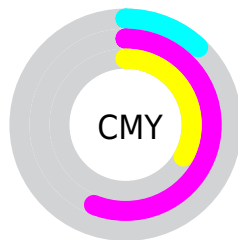
- Red (88%)
- Green (44%)
- Blue (67%)



- Red (88%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (56%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E070AC 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 E070AC by changing the saturation by 10% instead.



 E070AC

 E070AC

FFFFFF

 C35591

 FFA7E3

 A63A78

 FFC3FF

 8A1D5F

 FFE0FF

 6E0047

 FFFDFF

 530031

 3B001C

 1E0001

 000000

 E070AC

 E070AC

 E05AA2

 E086B6

 E04397

 E09DC1

 E02D8D

 E0B3CB

 E01682

 E0CAD6

 E00078

 E0E0E0

 E0F6EA

 E0FFF5

 E0FFFF

# Harmonies

## Analogous

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



BA7FD5



E070AC



EB6E7E

# Triad

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



E070AC



979B38



00A9D8

# Complementary

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



E070AC



70E0A4

# 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.



00ADAF



E070AC



62A654

# Square

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



E070AC



C18C39



00AB7F



00A1EF

# Rectangle

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



E070AC



E57661



00AB7F



00ABCC



# Sweetspot

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



E070AC



FFD9ED



A270E0



806975



000000



808080



# Same Dimension

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



E070AC



FF66B8



E07076



70656B



B0005E



30001A



# Inverse Universe

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



E070AC



FF66B8



70E0DA



70656B



B0005E



30001A



# Previews

## White Background



This preview shows how the Hex color E070AC looks on a white background.

## Color Contrast Check

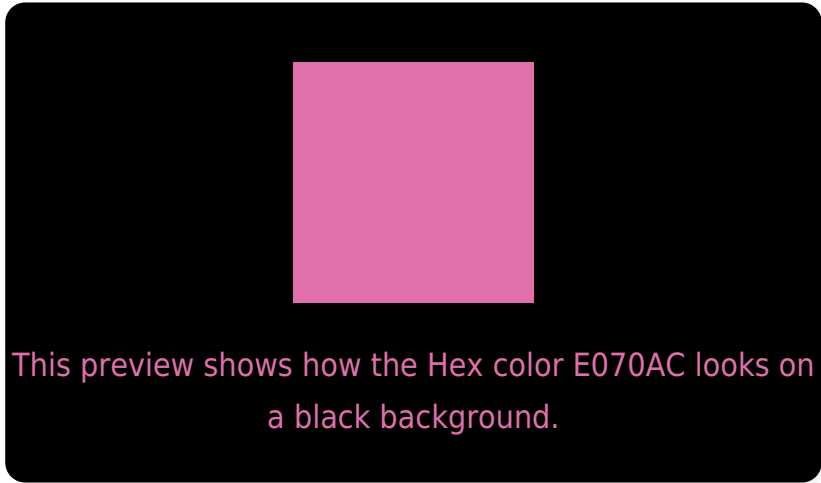
Large Text (above 18pt) WCAG AA × Fail

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 E070AC Background



This preview shows how black text looks on a background with the Hex color E070AC.



This preview shows how white text looks on a background with the Hex color E070AC.

# 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



**Original Color**  
E070AC

**Protanopia**  
8995C5

**Deuteranopia**  
9D92A6



# Trichromacy



**Original Color**  
E070AC



**Protanomaly**  
A988BC



**Deuteranomaly**  
B586A8



**Tritanomaly**  
DD7691

# Monochromacy



**Original Color**  
E070AC



**Achromatopsia**  
989898



**Achromatomaly**  
B2899F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E070AC 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 #E070AC looks like.

```
.text, #text, p{  
    color:#E070AC  
}
```

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 #E070AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E070AC
}
```

## Border

The CSS property to change the border of an element to Hex E070AC 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
#E070AC }
```

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

```
.border{ border-color:#E070AC }
```

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

Here you see how a box with a 4 pixel #E070AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E070AC; -webkit-box-shadow:4px 4px  
4px 4px #E070AC; box-shadow:4px 4px 4px  
4px #E070AC }
```

# Background

The CSS property to change the background color of an element to Hex E070AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E070AC }
```

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

```
.background{ background-color:#E070AC }
```

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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