

Converting Colors

Hex(E70AC2)

Have a look what the booklet for
Hex(E70AC2) contains.

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Color

Hex(E70AC2)

Conversions

Conversions Part 1

Format	Color
Hex	E70AC2
RGB	231, 10, 194
RGB Percent	91%, 4%, 76%
CMY	0.0941, 0.9608, 0.2392
CMYK	0.00, 0.96, 0.16, 0.09
HSL	310°, 92%, 47%
HSV	310°, 96%, 91%
XYZ	42.8011, 21.1010, 52.8560
YIQ	97.0550, 72.6520, 104.0760

Conversions

Conversions Part 2

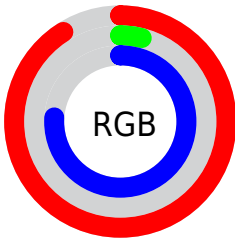
Format	Color
R_{YB}	231, 10, 194
Decimal	15141570
CIE _{Lab}	53.06, 85.57, -38.12
CIE _{LCh}	53, 93.677, 335.991
Yxy	21.1010, 0.3666, 0.1807
Android (android.graphics.Color)	4293331650 (0xFFE70AC2)
YUV	97.0550, 47.7939, 117.4698
Hunter-Lab	45.9359, 85.9311, -36.0667

Details

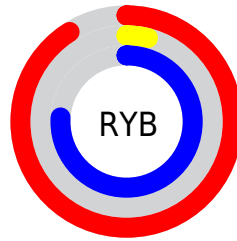
The Hex color **E70AC2** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **0AE72F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF64FB**, and **AA008C** is the 20% darker color. If you saturate the color by 10%, you get **E700C0**, and if you desaturate by 10%, it is **E721C6**.

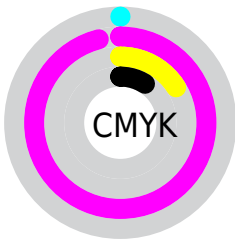
Distribution



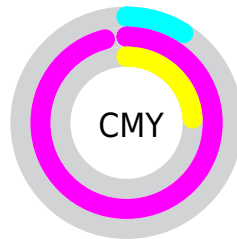
- Red (91%)
- Green (4%)
- Blue (76%)



- Red (91%)
- Yellow (4%)
- Blue (76%)



- Cyan (0%)
- Magenta (96%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70AC2 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 E70AC2 by changing the saturation by 10% instead.

 E70AC2

 E70AC2

FFFFFF

 C800A7

 FF64FB

 AA008C

 FF83FF

 8D0072

 FFA2FF

 6F0059

 FFC0FF

 530041

 FFDFFF

 36002A

 FFFDFF

 140014

 000000

 E70AC2

 E70AC2

 E700C0

 E721C6

 E738CA

 E74FCE

 E766D1

 E77DD5

 E795D9

 E7ACDD

 E7C3E1

 E7DAE5

Harmonies

Analogous

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



8A5FFF



E70AC2



FF0073

Triad

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



E70AC2



8C8100



009FDD

Complementary

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



E70AC2



0AE72F

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.



009F8D



E70AC2



299300

Square

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



E70AC2



CC6000



009B36



0098FF

Rectangle

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



E70AC2



FF003E



009B36



009FC4

Sweetspot

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



E70AC2



FFB5F3



2F0AE7



805378



000000



808080

Same Dimension

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



E70AC2



FF00D4



E70A54



736771



B30095



33002A

Inverse Universe

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



E70AC2



FF00D4



0AE79D



736771



B30095



33002A

Previews

White Background



This preview shows how the Hex color E70AC2 looks on a white background.

Color Contrast Check

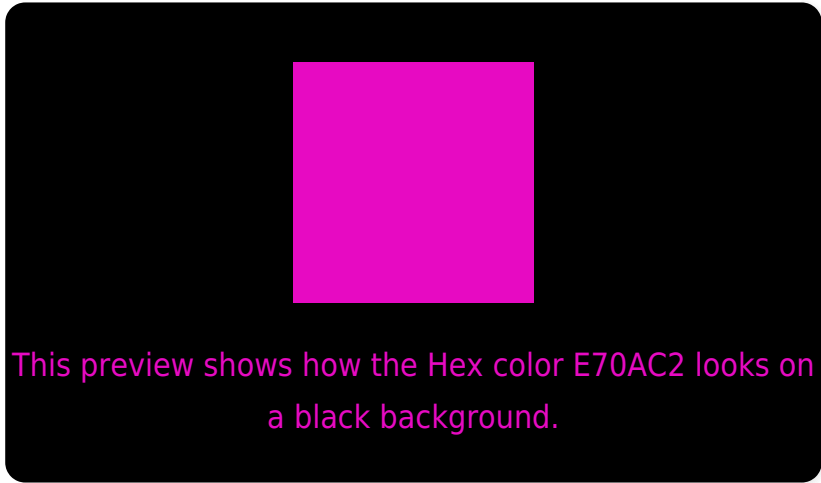
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex E70AC2 Background



This preview shows how black text looks on a background with the Hex color E70AC2.

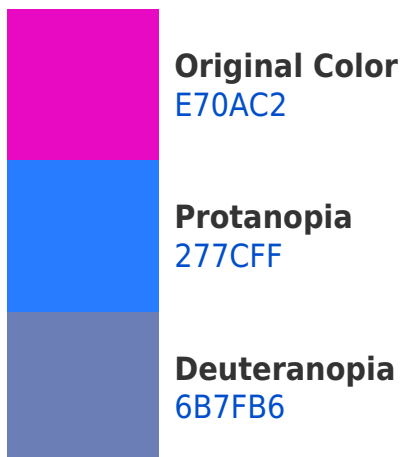


This preview shows how white text looks on a background with the Hex color E70AC2.

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
DD4D51

Trichromacy



Original Color
E70AC2



Protanomaly
6D53E9



Deuteranomaly
9854BA



Tritanomaly
E1357A

Monochromacy



Original Color
E70AC2



Achromatopsia
616161



Achromatomaly
924184

CSS Examples

Text

The CSS property to change the color of the text to Hex E70AC2 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 #E70AC2 looks like.

```
.text, #text, p{  
  color:#E70AC2  
}
```

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 #E70AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70AC2
}
```

Border

The CSS property to change the border of an element to Hex E70AC2 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
#E70AC2 }
```

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

```
.border{ border-color:#E70AC2 }
```

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

Here you see how a box with a 4 pixel #E70AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70AC2; -webkit-box-shadow:4px 4px  
4px 4px #E70AC2; box-shadow:4px 4px 4px  
4px #E70AC2 }
```

Background

The CSS property to change the background color of an element to Hex E70AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70AC2 }
```

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

```
.background{ background-color:#E70AC2 }
```

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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