

Converting Colors

Hex(E470CD)

Have a look what the booklet for
Hex(E470CD) contains.

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Color

Hex(E470CD)

Conversions

Conversions Part 1

Format	Color
Hex	E470CD
RGB	228, 112, 205
RGB Percent	89%, 44%, 80%
CMY	0.1059, 0.5608, 0.1961
CMYK	0.00, 0.51, 0.10, 0.11
HSL	312°, 68%, 67%
HSV	312°, 51%, 89%
XYZ	48.8085, 32.4901, 61.4563
YIQ	157.2860, 39.2830, 53.5150

Conversions

Conversions Part 2

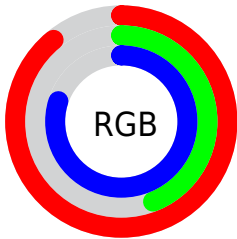
Format	Color
RYB	228, 112, 205
Decimal	14971085
CIELab	63.75, 56.66, -27.79
CIElCh	64, 63.112, 333.873
Yxy	32.4901, 0.3419, 0.2276
Android (android.graphics.Color)	4293161165 (0xFFE470CD)
YUV	157.2860, 23.5230, 62.0162
Hunter-Lab	57.0001, 53.0974, -24.0252

Details

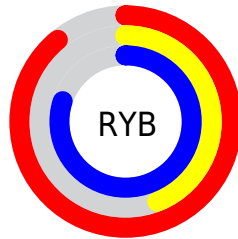
The Hex color **E470CD** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70E487**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA7FF**, and **AA3996** is the 20% darker color. If you saturate the color by 10%, you get **E459C8**, and if you desaturate by 10%, it is **E487D2**.

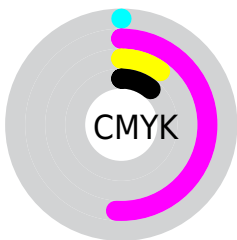
Distribution



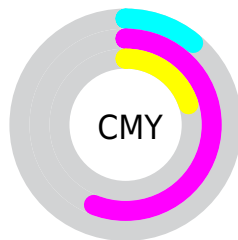
- Red (89%)
- Green (44%)
- Blue (80%)



- Red (89%)
- Yellow (44%)
- Blue (80%)



- Cyan (0%)
- Magenta (51%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E470CD 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 E470CD by changing the saturation by 10% instead.

 E470CD

 E470CD

FFFFFF

 C755B1

 FFA7FF

 AA3996

 FFC4FF

 8E197C

 FFE1FF

 720063

FFFEFF

 57004B

 3E0034

 24001E

 000000

 E470CD

 E470CD

 E459C8

 E487D2

 E442C4

 E49ED6

 E42CBF

 E4B4DB

 E415BB

 E4CBDF

 E400B7

 E4E2E4

 E4F9E8

 E4FFED

 E4FFF1

 E4FFF6

Harmonies

Analogous

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



A588F8



E470CD



FF6495

Triad

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



E470CD



B09A19



00B4D8

Complementary

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



E470CD



70E487

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.



00B5A0



E470CD



76A934

Square

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



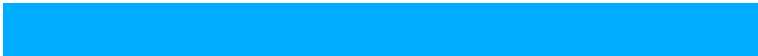
E470CD



DE8532



00B266



00ADFF

Rectangle

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



E470CD



FF6970



00B266



00B5C6

Sweetspot

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



E470CD



FFD9F7



8570E4



80697B



000000



808080

Same Dimension

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



E470CD



FF63E0



E47095



736770



B3008F



330029

Inverse Universe

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



E470CD



FF63E0



70E4BF



736770



B3008F



330029

Previews

White Background



This preview shows how the Hex color E470CD looks on a white background.

Color Contrast Check

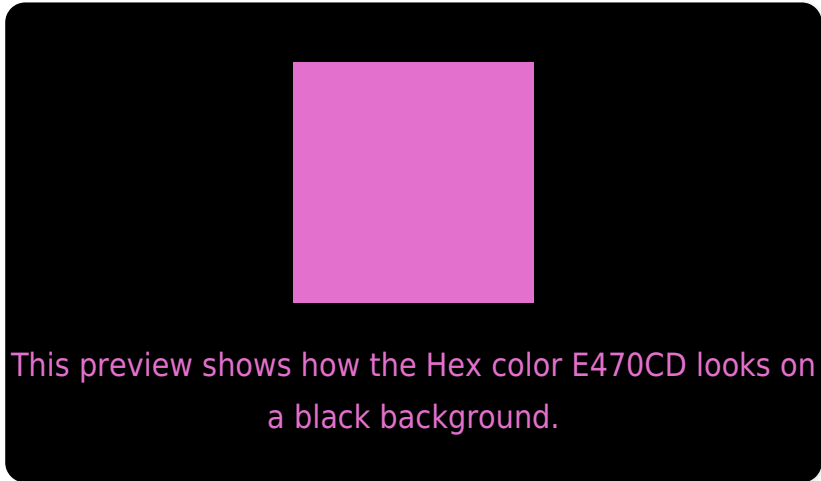
Large Text (above 18pt) WCAG AA × Fail

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 E470CD Background



This preview shows how black text looks on a background with the Hex color E470CD.



This preview shows how white text looks on a background with the Hex color E470CD.

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
DC8089

Trichromacy



Original Color
E470CD



Protanomaly
A289E1



Deuteranomaly
B089C9

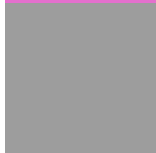


Tritanomaly
DF7AA2

Monochromacy



Original Color
E470CD



Achromatopsia
9D9D9D



Achromatomaly
B78DAE

CSS Examples

Text

The CSS property to change the color of the text to Hex E470CD 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 #E470CD looks like.

```
.text, #text, p{  
    color:#E470CD  
}
```

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 #E470CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E470CD
}
```

Border

The CSS property to change the border of an element to Hex E470CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

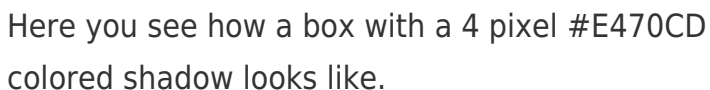
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E470CD }
```

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

```
.border{ border-color:#E470CD }
```

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



Here you see how a box with a 4 pixel #E470CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E470CD; -webkit-box-shadow:4px 4px  
4px 4px #E470CD; box-shadow:4px 4px 4px  
4px #E470CD }
```

Background

The CSS property to change the background color of an element to Hex E470CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E470CD }
```

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

```
.background{ background-color:#E470CD }
```

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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