

Converting Colors

Hex(E137CD)

Have a look what the booklet for
Hex(E137CD) contains.

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Color

Hex(**E137CD**)

Conversions

Conversions Part 1

Format	Color
Hex	E137CD
RGB	225, 55, 205
RGB Percent	88%, 22%, 80%
CMY	0.1176, 0.7843, 0.1961
CMYK	0.00, 0.76, 0.09, 0.12
HSL	307°, 74%, 55%
HSV	307°, 76%, 88%
XYZ	43.4370, 23.1477, 59.9362
YIQ	122.9300, 53.1700, 82.6900

Conversions

Conversions Part 2

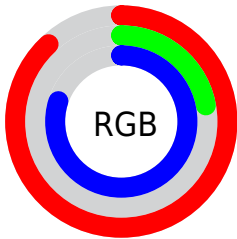
Format	Color
R _Y B	225, 55, 205
Decimal	14759885
CIE Lab	55.22, 78.13, -41.11
CIE LCh	55, 88.287, 332.248
Yxy	23.1477, 0.3433, 0.1830
Android (android.graphics.Color)	4292949965 (0xFFE137CD)
YUV	122.9300, 40.4605, 89.5154
Hunter-Lab	48.1121, 76.9589, -40.1828

Details

The Hex color **E137CD** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **37E14B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF77FF**, and **A50096** is the 20% darker color. If you saturate the color by 10%, you get **E120CA**, and if you desaturate by 10%, it is **E14ED0**.

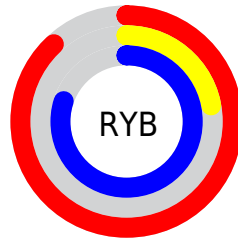
Distribution



Red (88%)

Green (22%)

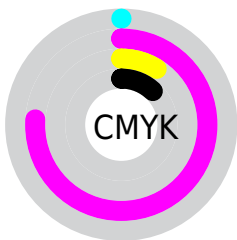
Blue (80%)



Red (88%)

Yellow (22%)

Blue (80%)

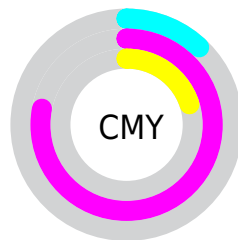


Cyan (0%)

Magenta (76%)

Yellow (9%)

Black (12%)



Cyan (12%)

Magenta (78%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E137CD 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 E137CD by changing the saturation by 10% instead.

 E137CD

 E137CD

FFFFFF

 C300B1

 FF77FF

 A50096

 FF95FF

 88007C

 FFB2FF

 6C0062

 FFD0FF

 50004A


 FFE0FF

 340033

 12001C

 000000

 E137CD

 E137CD

 E120CA

 E14ED0

 E10AC8

 E164D2

 E100C7

 E17BD5

 E191D8

 E1A8DA

 E1BEDD

 E1D4E0

 E1EBE2

 E1FFE5

Harmonies

Analogous

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



806CFF



E137CD



FF0082

Triad

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



E137CD



9C8300



00A4D5

Complementary

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



E137CD



37E14B

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.



00A388



E137CD



4A9600

Square

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



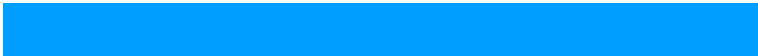
E137CD



D76300



009F36



009EFF

Rectangle

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



E137CD



FF1150



009F36



00A4BD

Sweetspot

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



E137CD



FFC4F8



4B37E1



805C7B



000000



808080

Same Dimension

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



E137CD



FF17E4



E13778



70656F



B0009B



30002B

Inverse Universe

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



E137CD



FF17E4



37E1A0



70656F



B0009B



30002B

Previews

White Background



This preview shows how the Hex color E137CD 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

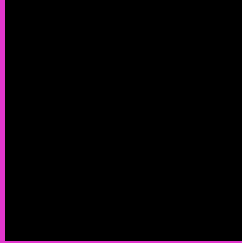
Any Text WCAG AA ✓ Pass

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 E137CD Background



This preview shows how black text looks on a background with the Hex color E137CD.

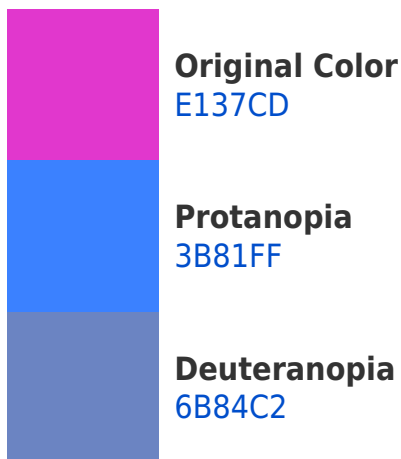


This preview shows how white text looks on a background with the Hex color E137CD.

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
D65D63

Trichromacy



Original Color
E137CD



Protanomaly
7766ED



Deuteranomaly
9668C6



Tritanomaly
DA4F8A

Monochromacy



Original Color
E137CD



Achromatopsia
7B7B7B



Achromatomaly
A06299

CSS Examples

Text

The CSS property to change the color of the text to Hex E137CD 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 #E137CD looks like.

```
.text, #text, p{  
    color:#E137CD  
}
```

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 #E137CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E137CD
}
```

Border

The CSS property to change the border of an element to Hex E137CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

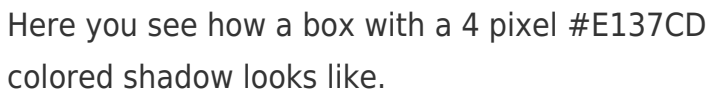
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E137CD }
```

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

```
.border{ border-color:#E137CD }
```

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



Here you see how a box with a 4 pixel #E137CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E137CD; -webkit-box-shadow:4px 4px  
4px 4px #E137CD; box-shadow:4px 4px 4px  
4px #E137CD }
```

Background

The CSS property to change the background color of an element to Hex E137CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E137CD }
```

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

```
.background{ background-color:#E137CD }
```

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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