

Converting Colors

Hex(E137DC)

Have a look what the booklet for
Hex(E137DC) contains.

Hex(E137DC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E137DC)

Conversions

Conversions Part 1

Format	Color
Hex	E137DC
RGB	225, 55, 220
RGB Percent	88%, 22%, 86%
CMY	0.1176, 0.7843, 0.1373
CMYK	0.00, 0.76, 0.02, 0.12
HSL	302°, 74%, 55%
HSV	302°, 76%, 88%
XYZ	45.3358, 23.9072, 69.9352
YIQ	124.6400, 48.3550, 87.3550

Conversions

Conversions Part 2

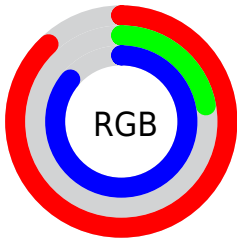
Format	Color
R _Y B	225, 55, 220
Decimal	14759900
CIE Lab	55.99, 80.34, -48.43
CIE LCh	56, 93.811, 328.918
Yxy	23.9072, 0.3257, 0.1718
Android (android.graphics.Color)	4292949980 (0xFFE137DC)
YUV	124.6400, 47.0125, 88.0157
Hunter-Lab	48.8950, 79.9401, -50.5768

Details

The Hex color **E137DC** 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 **37E13C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF78FF**, and **A500A4** is the 20% darker color. If you saturate the color by 10%, you get **E120DB**, and if you desaturate by 10%, it is **E14EDD**.

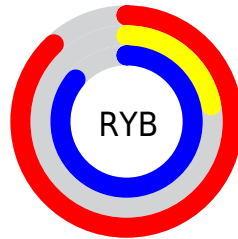
Distribution



Red (88%)

Green (22%)

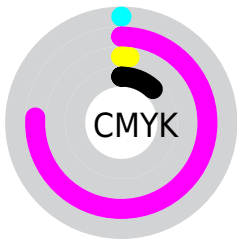
Blue (86%)



Red (88%)

Yellow (22%)

Blue (86%)

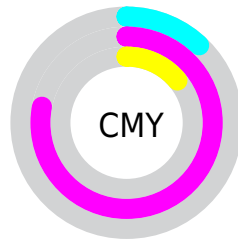


Cyan (0%)

Magenta (76%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (78%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E137DC 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 E137DC by changing the saturation by 10% instead.

 E137DC

 E137DC

FFFFFF

 C300C0

 FF78FF

 A500A4

 FF96FF

 880089

 FFB3FF

 6B006F

 FFD1FF

 4F0056

 FFEFFF

 34003E

 130027

 000110

 000000

 E137DC

 E137DC

 E120DB

 E14EDD

 E10ADB

 E164DD

 E100DA

 E17BDE

 E191DF

 E1A8DF

 E1BEE0

 E1D4E1

 E1EBE1

 E1FFE2

Harmonies

Analogous

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



6B71FF



E137DC



FF008D

Triad

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



E137DC



A68200



00A7D4

Complementary

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



E137DC



37E13C

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.



00A781



E137DC



539800

Square

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



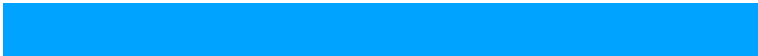
E137DC



E35D00



00A225



00A3FF

Rectangle

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



E137DC



FF0058



00A225



00A8B9

Sweetspot

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



E137DC



FFC4FD



3A37E1



805C7E



000000



808080

Same Dimension

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



E137DC



FF17F8



E13789



706570



B000AB



30002F

Inverse Universe

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



E137DC



FF17F8



37E18F



706570



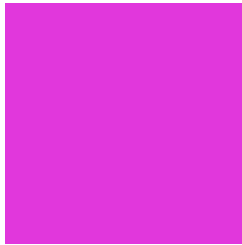
B000AB



30002F

Previews

White Background



This preview shows how the Hex color E137DC 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

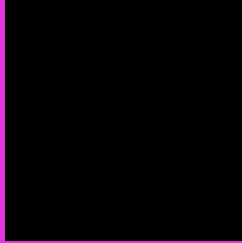
Any Text WCAG AA ✓ Pass

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 E137DC Background



This preview shows how black text looks on a background with the Hex color E137DC.

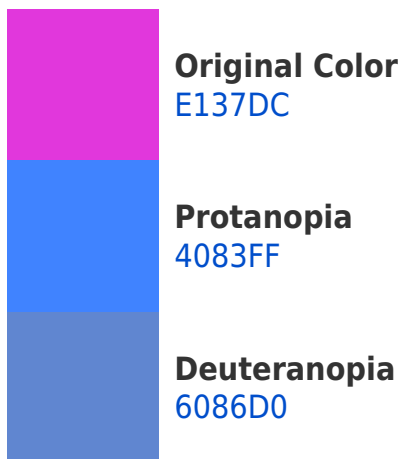



This preview shows how white text looks on a background with the Hex color E137DC.

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
D46268

Trichromacy



Original Color
E137DC



Protanomaly
7B67F2



Deuteranomaly
8F69D4



Tritanomaly
D95292

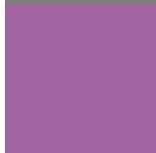
Monochromacy



Original Color
E137DC



Achromatopsia
7D7D7D



Achromatomaly
A164A0

CSS Examples

Text

The CSS property to change the color of the text to Hex E137DC 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 #E137DC looks like.

```
.text, #text, p{  
    color:#E137DC  
}
```

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 #E137DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E137DC
}
```

Border

The CSS property to change the border of an element to Hex E137DC 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
#E137DC }
```

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

```
.border{ border-color:#E137DC }
```

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

Here you see how a box with a 4 pixel #E137DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E137DC; -webkit-box-shadow:4px 4px  
4px 4px #E137DC; box-shadow:4px 4px 4px  
4px #E137DC }
```

Background

The CSS property to change the background color of an element to Hex E137DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E137DC }
```

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

```
.background{ background-color:#E137DC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor