

Converting Colors

Hex(E93DD0)

Have a look what the booklet for
Hex(E93DD0) contains.

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Color

Hex(E93DD0)

Conversions

Conversions Part 1

Format	Color
Hex	E93DD0
RGB	233, 61, 208
RGB Percent	91%, 24%, 82%
CMY	0.0863, 0.7608, 0.1843
CMYK	0.00, 0.74, 0.11, 0.09
HSL	309°, 80%, 58%
HSV	309°, 74%, 91%
XYZ	46.6582, 25.2152, 62.0824
YIQ	129.1860, 55.3250, 82.1810

Conversions

Conversions Part 2

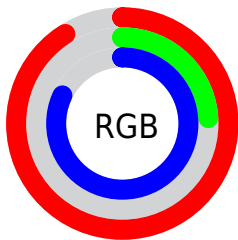
Format	Color
R _Y B	233, 61, 208
Decimal	15285712
CIE Lab	57.28, 78.55, -39.49
CIE LCh	57, 87.914, 333.308
Yxy	25.2152, 0.3483, 0.1882
Android (android.graphics.Color)	4293475792 (0xFFE93DD0)
YUV	129.1860, 38.8553, 91.0449
Hunter-Lab	50.2147, 77.9816, -38.1522

Details

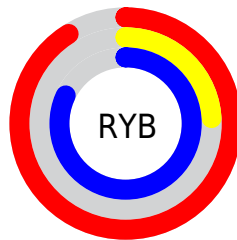
The Hex color **E93DD0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3DE956**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7CFF**, and **AD0099** is the 20% darker color. If you saturate the color by 10%, you get **E926CD**, and if you desaturate by 10%, it is **E954D3**.

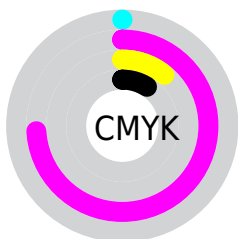
Distribution



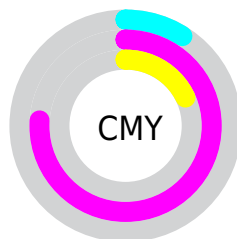
- Red (91%)
- Green (24%)
- Blue (82%)



- Red (91%)
- Yellow (24%)
- Blue (82%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (76%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color E93DD0 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 E93DD0 by changing the saturation by 10% instead.

 E93DD0

 E93DD0

FFFFFF

 CB0CB4

 FF7CFF

 AD0099

 FF9AFF

 90007F

 FFB8FF

 730065

 FFD6FF

 57004D

 FFF4FF

 3C0035

 1D001F

 000001

 000000

 E93DD0

 E93DD0

 E926CD

 E954D3

 E90EC9

 E96CD7

 E900C7

 E983DA

 E99ADE

 E9B2E1

 E9C9E4

 E9E0E8

 E9F7EB

 E9FFEE

Harmonies

Analogous

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



8C70FF



E93DD0



FF0085

Triad

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



E93DD0



9F8900



00A9DD

Complementary

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



E93DD0



3DE956

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.



00A990



E93DD0



4D9C00

Square

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



E93DD0



DB6A00



00A53E



00A3FF

Rectangle

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



E93DD0



FF2453



00A53E



00AAC5

Sweetspot

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



E93DD0



FFC7F7



543DE9



805E7B



000000



808080

Same Dimension

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



E93DD0



FF1CDE



E93D7C



756A74



B5009B



36002E

Inverse Universe

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



E93DD0



FF1CDE



3DE9AA



756A74



B5009B



36002E

Previews

White Background



This preview shows how the Hex color E93DD0 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 E93DD0 Background



This preview shows how black text looks on a background with the Hex color E93DD0.



This preview shows how white text looks on a background with the Hex color E93DD0.

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



Trichromacy



Original Color
E93DD0



Protanomaly
846BEE



Deuteranomaly
9E6DC9



Tritanomaly
E3548D

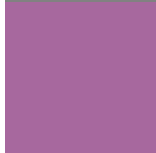
Monochromacy



Original Color
E93DD0



Achromatopsia
818181



Achromatomaly
A7689E

CSS Examples

Text

The CSS property to change the color of the text to Hex E93DD0 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 #E93DD0 looks like.

```
.text, #text, p{  
    color:#E93DD0  
}
```

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 #E93DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93DD0
}
```

Border

The CSS property to change the border of an element to Hex E93DD0 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
#E93DD0 }
```

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

```
.border{ border-color:#E93DD0 }
```

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

Here you see how a box with a 4 pixel #E93DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93DD0; -webkit-box-shadow:4px 4px  
4px 4px #E93DD0; box-shadow:4px 4px 4px  
4px #E93DD0 }
```

Background

The CSS property to change the background color of an element to Hex E93DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93DD0 }
```

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

```
.background{ background-color:#E93DD0 }
```

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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