

# Converting Colors

Hex(E42DC9)

Have a look what the booklet for  
Hex(E42DC9) contains.

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# Color

Hex(E42DC9)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E42DC9                     |
| RGB         | 228, 45, 201               |
| RGB Percent | 89%, 18%, 79%              |
| CMY         | 0.1059, 0.8235, 0.2118     |
| CMYK        | 0.00, 0.80, 0.12, 0.11     |
| HSL         | 309°, 77%, 54%             |
| HSV         | 309°, 80%, 89%             |
| XYZ         | 43.4759, 22.5878, 57.3268  |
| YIQ         | 117.5010, 58.9920, 87.3120 |

# Conversions

## Conversions Part 2

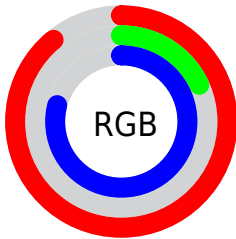
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 228, 45, 201                  |
| Decimal                             | 14953929                      |
| CIE Lab                             | 54.65, 80.74, -39.69          |
| CIE LCh                             | 55, 89.972, 333.821           |
| Yxy                                 | 22.5878, 0.3523,<br>0.1831    |
| Android<br>(android.graphics.Color) | 4293144009<br>(0xFFE42DC9)    |
| YUV                                 | 117.5010, 41.1650,<br>96.9076 |
| Hunter-Lab                          | 47.5266, 80.1148,<br>-38.2472 |

# Details

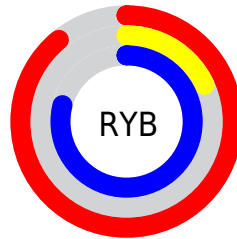
The Hex color **E42DC9** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2DE448**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF71FF**, and **A80092** is the 20% darker color. If you saturate the color by 10%, you get **E416C6**, and if you desaturate by 10%, it is **E444CC**.

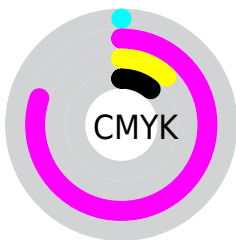
# Distribution



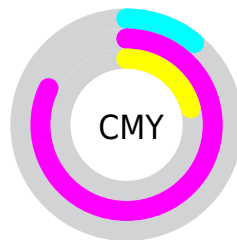
- Red (89%)
- Green (18%)
- Blue (79%)



- Red (89%)
- Yellow (18%)
- Blue (79%)



- Cyan (0%)
- Magenta (80%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (82%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E42DC9 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 E42DC9 by changing the saturation by 10% instead.



 E42DC9

 E42DC9

FFFFFF

 C600AD

 FF71FF

 A80092

 FF8FFF

 8B0078

 FFADFF

 6E005F

 FFCBFF

 520047

 FFE9FF

 360030

 140019

 000000

 E42DC9

 E42DC9

 E416C6

 E444CC

 E400C2

 E45BD0

 E471D3

 E488D6

 E49FDA

 E4B6DD

 E4CDE1

 E4E3E4

 E4FAE7

# Harmonies

## Analogous

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



8568FF



E42DC9



FF007D

# Triad

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



E42DC9



968300



00A2D8

# Complementary

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



E42DC9



2DE448

# 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.



00A28B



E42DC9



409600

# Square

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



E42DC9



D36300



009E37



009CFF

# Rectangle

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



E42DC9



FF034A



009E37



00A3C0



# Sweetspot

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



E42DC9



FFC2F6



452DE4



805B7A



000000



808080



# Same Dimension

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



E42DC9



FF0ADB



E42D70



736771



B30098



33002B



# Inverse Universe

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



E42DC9



FF0ADB



2DE4A1



736771



B30098



33002B



# Previews

## White Background



This preview shows how the Hex color E42DC9 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 E42DC9 Background



This preview shows how black text looks on a background with the Hex color E42DC9.



This preview shows how white text looks on a background with the Hex color E42DC9.

# 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

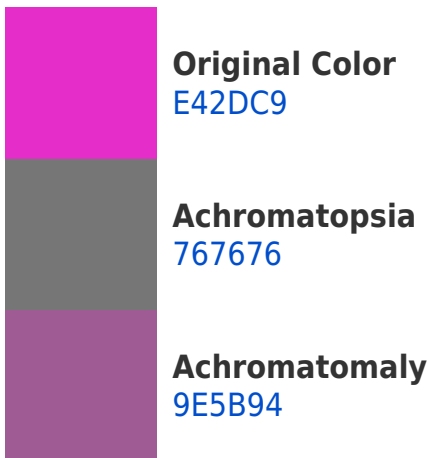




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E42DC9 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 #E42DC9 looks like.

```
.text, #text, p{  
    color:#E42DC9  
}
```

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 #E42DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E42DC9
}
```

## Border

The CSS property to change the border of an element to Hex E42DC9 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
#E42DC9 }
```

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

```
.border{ border-color:#E42DC9 }
```

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

Here you see how a box with a 4 pixel #E42DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E42DC9; -webkit-box-shadow:4px 4px  
4px 4px #E42DC9; box-shadow:4px 4px 4px  
4px #E42DC9 }
```

# Background

The CSS property to change the background color of an element to Hex E42DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E42DC9 }
```

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

```
.background{ background-color:#E42DC9 }
```

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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