

Converting Colors

Hex(E42EDB)

Have a look what the booklet for
Hex(E42EDB) contains.

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Color

Hex(E42EDB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E42EDB |
| RGB | 228, 46, 219 |
| RGB Percent | 89%, 18%, 86% |
| CMY | 0.1059, 0.8196, 0.1412 |
| CMYK | 0.00, 0.80, 0.04, 0.11 |
| HSL | 303°, 77%, 54% |
| HSV | 303°, 80%, 89% |
| XYZ | 45.7581, 23.5624, 69.1541 |
| YIQ | 120.1400, 52.9390, 92.3870 |

Conversions

Conversions Part 2

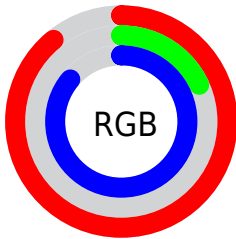
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 228, 46, 219 |
| Decimal | 14954203 |
| CIE _{Lab} | 55.65, 83.05, -48.39 |
| CIE _{LCh} | 56, 96.118, 329.774 |
| Yxy | 23.5624, 0.3304, 0.1702 |
| Android (android.graphics.Color) | 4293144283 (0xFFE42EDB) |
| YUV | 120.1400, 48.7380, 94.5932 |
| Hunter-Lab | 48.5412, 83.3188, -50.4886 |

Details

The Hex color **E42EDB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2EE437**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF72FF**, and **A800A3** is the 20% darker color. If you saturate the color by 10%, you get **E417DA**, and if you desaturate by 10%, it is **E445DC**.

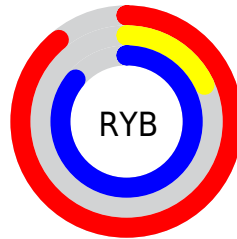
Distribution



Red (89%)

Green (18%)

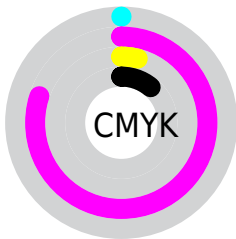
Blue (86%)



Red (89%)

Yellow (18%)

Blue (86%)

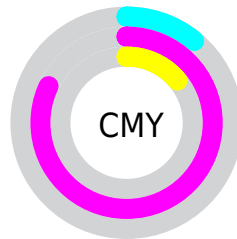


Cyan (0%)

Magenta (80%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (82%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E42EDB 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 E42EDB by changing the saturation by 10% instead.

 E42EDB

 E42EDB

FFFFFF

 C600BF

 FF72FF

 A800A3

 FF91FF

 8B0088

 FFAFFF

 6E006E

 FFCDFD

 510055

 FFE8FF

 36003D

 150026

 00010F

 000000

 E42EDB

 E42EDB

 E417DA

 E445DC

 E400D9

 E45CDD

 E472DE

 E489E0

 E4A0E1

 E4B7E2

 E4CEE3

 E4E4E4

 E4FBE5

Harmonies

Analogous

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



6D6FFF



E42EDB



FF008A

Triad

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



E42EDB



A38200



00A7D7

Complementary

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



E42EDB



2EE437

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.



00A682



E42EDB



4C9700

Square

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



E42EDB



E15C00



00A224



00A2FF

Rectangle

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



E42EDB



FF0053



00A224



00A7BC

Sweetspot

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



E42EDB



FFC2FC



342EE4



805B7E



000000



808080

Same Dimension

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



E42EDB



FF0AF3



E42E83



736772



B300AA



330030

Inverse Universe

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



E42EDB



FF0AF3



2EE48F



736772



B300AA



330030

Previews

White Background



This preview shows how the Hex color E42EDB 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

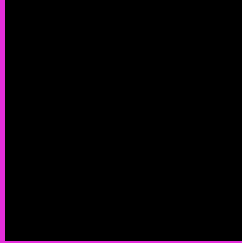
Any Text WCAG AA ✓ Pass

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 E42EDB Background



This preview shows how black text looks on a background with the Hex color E42EDB.

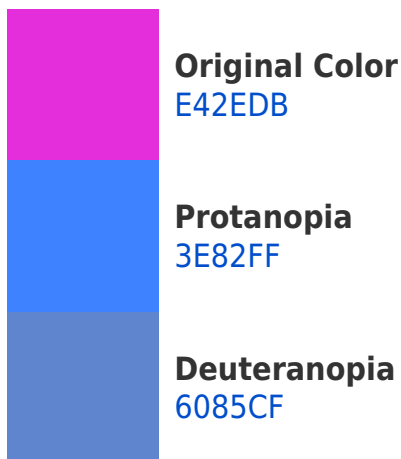


This preview shows how white text looks on a background with the Hex color E42EDB.

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
D75E64

Trichromacy



Original Color
E42EDB



Protanomaly
7A63F2



Deuteranomaly
9065D3



Tritanomaly
DC4D8F

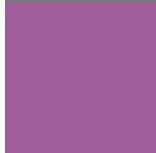
Monochromacy



Original Color
E42EDB



Achromatopsia
787878



Achromatomaly
9F5D9C

CSS Examples

Text

The CSS property to change the color of the text to Hex E42EDB 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 #E42EDB looks like.

```
.text, #text, p{  
    color:#E42EDB  
}
```

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 #E42EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E42EDB
}
```

Border

The CSS property to change the border of an element to Hex E42EDB 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
#E42EDB }
```

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

```
.border{ border-color:#E42EDB }
```

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

Here you see how a box with a 4 pixel #E42EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E42EDB; -webkit-box-shadow:4px 4px  
4px 4px #E42EDB; box-shadow:4px 4px 4px  
4px #E42EDB }
```

Background

The CSS property to change the background color of an element to Hex E42EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E42EDB }
```

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

```
.background{ background-color:#E42EDB }
```

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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