

Converting Colors

Hex(E40AC3)

Have a look what the booklet for
Hex(E40AC3) contains.

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Color

Hex(E40AC3)

Conversions

Conversions Part 1

Format	Color
Hex	E40AC3
RGB	228, 10, 195
RGB Percent	89%, 4%, 76%
CMY	0.1059, 0.9608, 0.2353
CMYK	0.00, 0.96, 0.14, 0.11
HSL	309°, 92%, 47%
HSV	309°, 96%, 89%
XYZ	41.9538, 20.6512, 53.4046
YIQ	96.2720, 70.5430, 103.7510

Conversions

Conversions Part 2

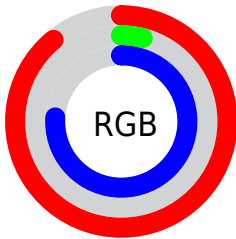
Format	Color
R_{YB}	228, 10, 195
Decimal	14944963
CIE _{Lab}	52.57, 85.16, -39.51
CIE _{LCh}	53, 93.876, 335.111
Yxy	20.6512, 0.3616, 0.1780
Android (android.graphics.Color)	4293135043 (0xFFE40AC3)
YUV	96.2720, 48.6729, 115.5255
Hunter-Lab	45.4436, 85.2659, -37.8662

Details

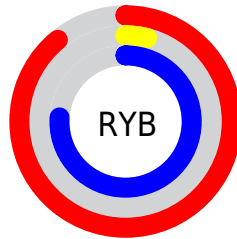
The Hex color **E40AC3** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **0AE42B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF63FC**, and **A8008D** is the 20% darker color. If you saturate the color by 10%, you get **E400C1**, and if you desaturate by 10%, it is **E421C6**.

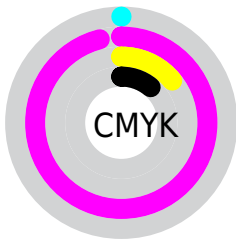
Distribution



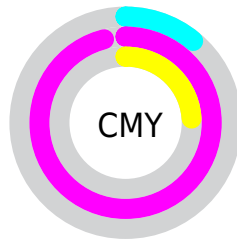
- Red (89%)
- Green (4%)
- Blue (76%)



- Red (89%)
- Yellow (4%)
- Blue (76%)



- Cyan (0%)
- Magenta (96%)
- Yellow (14%)
- Black (11%)



- Cyan (11%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E40AC3 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 E40AC3 by changing the saturation by 10% instead.

 E40AC3

 E40AC3

FFFFFF

 C600A7

 FF63FC

 A8008D

 FF83FF

 8A0073

 FFA1FF

 6D005A

 FFBFFF

 510042

 FFDEFF

 34002B

 FFFCFF

 0F0014

 000000

 E40AC3

 E40AC3

 E400C1

 E421C6

 E438CA

 E44ECD

 E465D1

 E47CD4

 E493D8

 E4AADB

 E4C0DF

 E4D7E2

Harmonies

Analogous

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



845FFF



E40AC3



FF0074

Triad

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



E40AC3



8D7F00



009DD9

Complementary

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



E40AC3



0AE42B

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.



009D8A



E40AC3



2C9100

Square

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



E40AC3



CD5D00



009A32



0097FF

Rectangle

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



E40AC3



FF003F



009A32



009EC0

Sweetspot

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



E40AC3



FFB5F4



2B0AE4



805379



000000



808080

Same Dimension

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



E40AC3



FF00D8



E40A56



736771



B30097



33002B

Inverse Universe

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



E40AC3



FF00D8



0AE498



736771



B30097



33002B

Previews

White Background



This preview shows how the Hex color E40AC3 looks on a white background.

Color Contrast Check

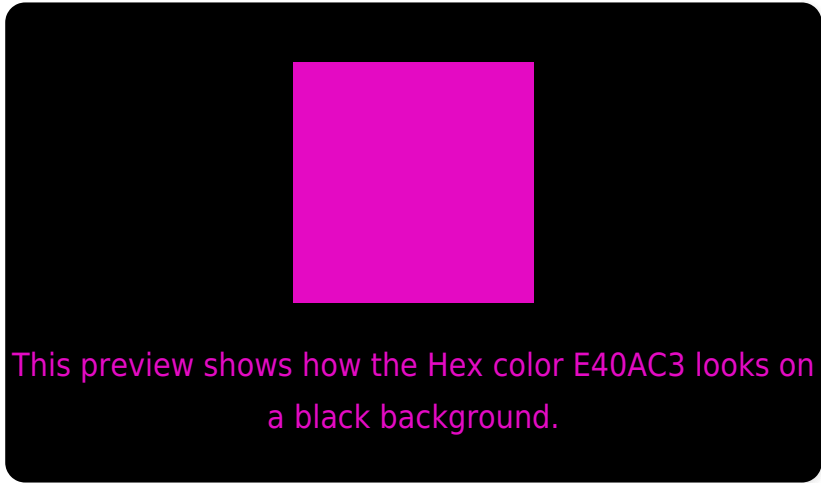
Large Text (above 18pt) WCAG AA ✓ Pass

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

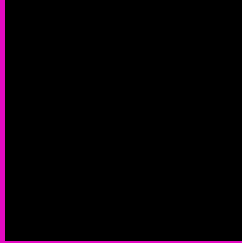
Any Text WCAG AA ✓ Pass

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 E40AC3 Background



This preview shows how black text looks on a background with the Hex color E40AC3.

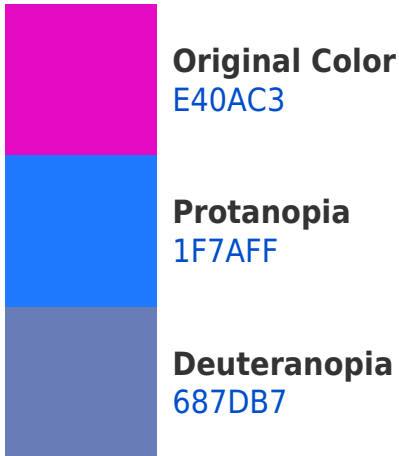


This preview shows how white text looks on a background with the Hex color E40AC3.

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
DA4D52

Trichromacy



Original Color
E40AC3



Protanomaly
6751E9



Deuteranomaly
9553BB



Tritanomaly
DE357B

Monochromacy



Original Color
E40AC3



Achromatopsia
606060



Achromatomaly
904184

CSS Examples

Text

The CSS property to change the color of the text to Hex E40AC3 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 #E40AC3 looks like.

```
.text, #text, p{  
  color:#E40AC3  
}
```

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 #E40AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40AC3
}
```

Border

The CSS property to change the border of an element to Hex E40AC3 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
#E40AC3 }
```

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

```
.border{ border-color:#E40AC3 }
```

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

Here you see how a box with a 4 pixel #E40AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40AC3; -webkit-box-shadow:4px 4px  
4px 4px #E40AC3; box-shadow:4px 4px 4px  
4px #E40AC3 }
```

Background

The CSS property to change the background color of an element to Hex E40AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40AC3 }
```

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

```
.background{ background-color:#E40AC3 }
```

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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