

Converting Colors

Hex(E40BA7)

Have a look what the booklet for
Hex(E40BA7) contains.

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Color

Hex(E40BA7)

Conversions

Conversions Part 1

Format	Color
Hex	E40BA7
RGB	228, 11, 167
RGB Percent	89%, 4%, 65%
CMY	0.1059, 0.9569, 0.3451
CMYK	0.00, 0.95, 0.27, 0.11
HSL	317°, 91%, 47%
HSV	317°, 95%, 89%
XYZ	39.0896, 19.5233, 38.2673
YIQ	93.6670, 79.2560, 94.5200

Conversions

Conversions Part 2

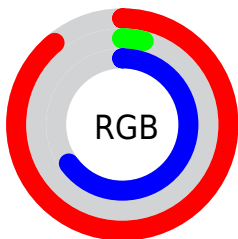
Format	Color
R_{YB}	228, 11, 167
Decimal	14945191
CIE _{Lab}	51.29, 81.77, -25.12
CIE _{LCh}	51, 85.540, 342.925
Yxy	19.5233, 0.4035, 0.2015
Android (android.graphics.Color)	4293135271 (0xFFE40BA7)
YUV	93.6670, 36.1532, 117.8100
Hunter-Lab	44.1852, 80.5906, -20.4194

Details

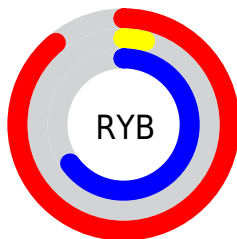
The Hex color **E40BA7** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **0BE448**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF62DE**, and **A70073** is the 20% darker color. If you saturate the color by 10%, you get **E400A4**, and if you desaturate by 10%, it is **E422AD**.

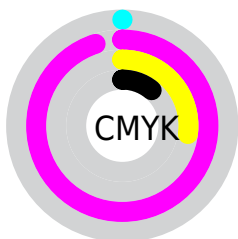
Distribution



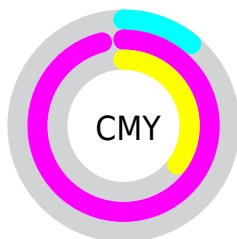
- Red (89%)
- Green (4%)
- Blue (65%)



- Red (89%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (95%)
- Yellow (27%)
- Black (11%)



- Cyan (11%)
- Magenta (96%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E40BA7 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 E40BA7 by changing the saturation by 10% instead.

 E40BA7

 E40BA7

FFFFFF

 C5008C

 FF62DE

 A70073

 FF81FB

 89005A

 FF9FFF

 6C0042

 FFBEFF

 50002C

 FFD0FF

 320016

 FFFAFF

 030000

 000000

 E40BA7

 E40BA7

 E400A4

 E422AD

 E439B4

 E44FBA

 E466C1

 E47DC7

 E494CD

 E4ABD4

 E4C1DA

 E4D8E1

Harmonies

Analogous

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



A153E7



E40BA7



F6005E

Triad

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



E40BA7



788100



0097DD

Complementary

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



E40BA7



0BE448

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.



009899



E40BA7



008F00

Square

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



E40BA7



B66700



00964C



008FFF

Rectangle

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



E40BA7



ED262F



00964C



0098C9

Sweetspot

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



E40BA7



FFB5EA



450BE4



805373



000000



808080

Same Dimension

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



E40BA7



FF00B7



E40B3E



736770



B30080



330025

Inverse Universe

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



E40BA7



FF00B7



0BE4B1



736770



B30080



330025

Previews

White Background



This preview shows how the Hex color E40BA7 looks on a white background.

Color Contrast Check

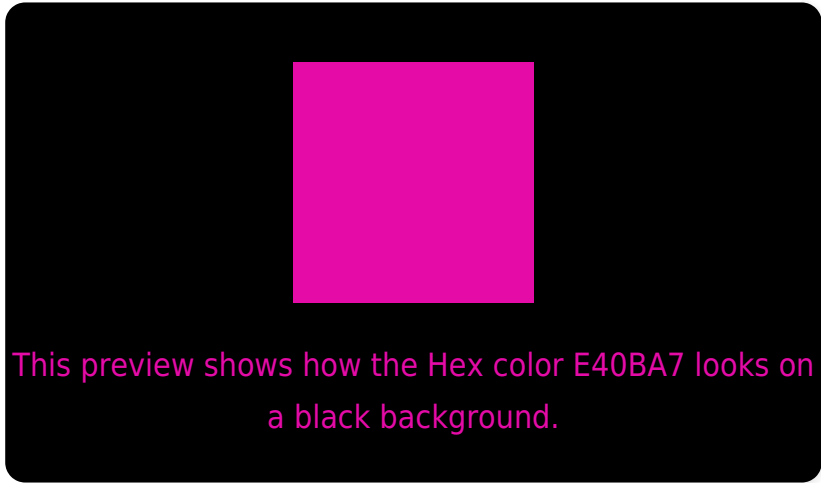
Large Text (above 18pt) WCAG AA ✓ Pass

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 E40BA7 Background



This preview shows how black text looks on a background with the Hex color E40BA7.



This preview shows how white text looks on a background with the Hex color E40BA7.

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
E40BA7



Protanomaly
7750D4



Deuteranomaly
9E51A0



Tritanomaly
E02E69

Monochromacy



Original Color
E40BA7



Achromatopsia
5E5E5E



Achromatomaly
8F4079

CSS Examples

Text

The CSS property to change the color of the text to Hex E40BA7 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 #E40BA7 looks like.

```
.text, #text, p{  
    color:#E40BA7  
}
```

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 #E40BA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E40BA7
}
```

Border

The CSS property to change the border of an element to Hex E40BA7 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
#E40BA7 }
```

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

```
.border{ border-color:#E40BA7 }
```

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

Here you see how a box with a 4 pixel #E40BA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E40BA7; -webkit-box-shadow:4px 4px  
4px 4px #E40BA7; box-shadow:4px 4px 4px  
4px #E40BA7 }
```

Background

The CSS property to change the background color of an element to Hex E40BA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E40BA7 }
```

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

```
.background{ background-color:#E40BA7 }
```

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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