

# Converting Colors

Hex(E023C7)

Have a look what the booklet for  
Hex(E023C7) contains.

<b>Hex(E023C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(**E023C7**)

# Conversions

## Conversions Part 1

Format	Color
Hex	E023C7
RGB	224, 35, 199
RGB Percent	88%, 14%, 78%
CMY	0.1216, 0.8627, 0.2196
CMYK	0.00, 0.84, 0.11, 0.12
HSL	308°, 75%, 51%
HSV	308°, 84%, 88%
XYZ	41.6503, 21.1729, 55.9244
YIQ	110.2070, 60.0000, 91.0720

# Conversions

## Conversions Part 2

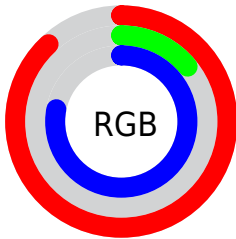
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 35, 199
Decimal	14689223
CIE <sub>Lab</sub>	53.14, 81.77, -40.96
CIE <sub>LCh</sub>	53, 91.456, 333.390
Yxy	21.1729, 0.3507, 0.1783
Android (android.graphics.Color)	4292879303 (0xFFE023C7)
YUV	110.2070, 43.7749, 99.7965
Hunter-Lab	46.0140, 81.0476, -39.8500

# Details

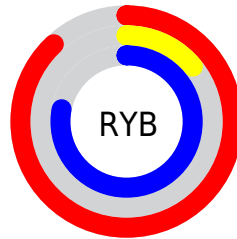
The Hex color **E023C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **23E03C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BFF**, and **A40090** is the 20% darker color. If you saturate the color by 10%, you get **E00DC4**, and if you desaturate by 10%, it is **E039CA**.

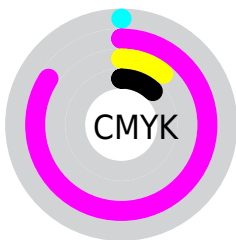
# Distribution



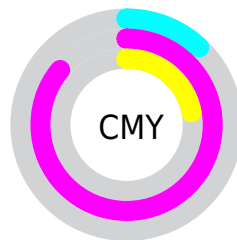
- Red (88%)
- Green (14%)
- Blue (78%)



- Red (88%)
- Yellow (14%)
- Blue (78%)



- Cyan (0%)
- Magenta (84%)
- Yellow (11%)
- Black (12%)



- Cyan (12%)
- Magenta (86%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E023C7 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 E023C7 by changing the saturation by 10% instead.



 E023C7

 E023C7

FFFFFF

 C200AB

 FF6BFF

 A40090

 FF8AFF

 870076

 FFA8FF

 6A005D

 FFC6FF

 4E0045

 FFE4FF

 32002E

 0A0018

 000000

 E023C7

 E023C7

 E00DC4

 E039CA

 E000C2

 E050CD

 E066D0

 E07DD3

 E093D6

 E0A9D9

 E0C0DC

 E0D6DF

 E0EDE2

# Harmonies

## Analogous

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



7E64FF



E023C7



FF007A

# Triad

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



E023C7



937F00



009FD5

# Complementary

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



E023C7



23E03C

# 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.



009E86



E023C7



3B9200

# Square

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



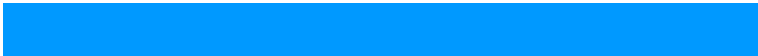
E023C7



D05D00



009A30



0099FF

# Rectangle

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



E023C7



FF0047



009A30



009FBC



# Sweetspot

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



E023C7



FFBFF7



3923E0



80597A



000000



808080



# Same Dimension

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



E023C7



FF00DD



E0236B



70656F



B00099



30002A



# Inverse Universe

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



E023C7



FF00DD



23E098



70656F



B00099



30002A



# Previews

## White Background



This preview shows how the Hex color E023C7 looks on a white background.

## Color Contrast Check

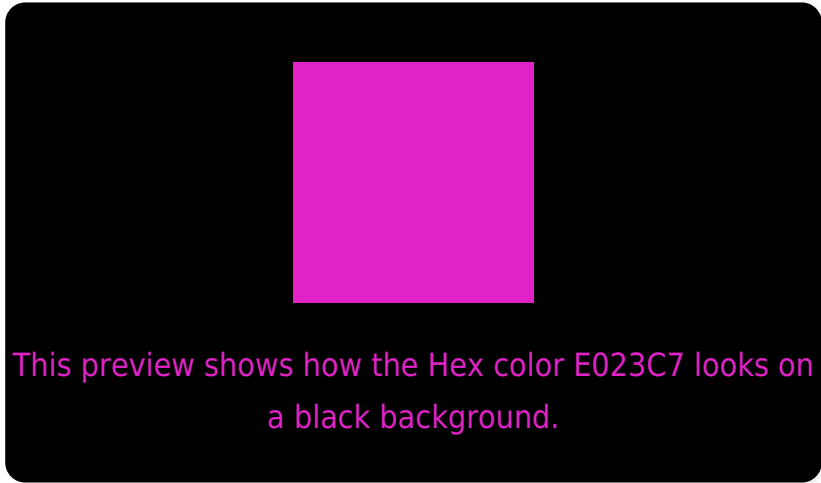
Large Text (above 18pt) WCAG AA ✓ Pass

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 E023C7 Background



This preview shows how black text looks on a background with the Hex color E023C7.

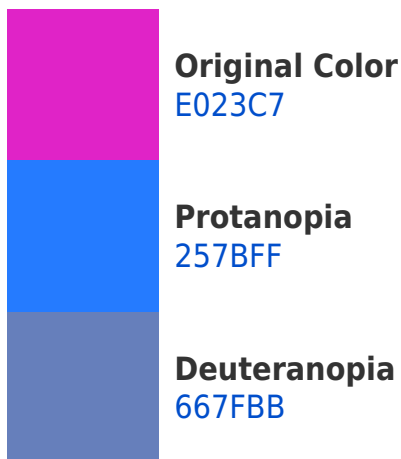


This preview shows how white text looks on a background with the Hex color E023C7.

# 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



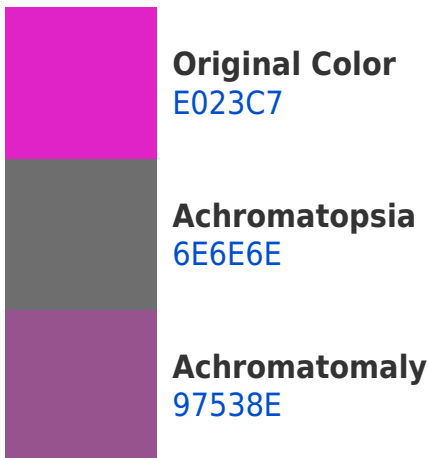


**Tritanopia**  
D55358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E023C7 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 #E023C7 looks like.

```
.text, #text, p{  
    color:#E023C7  
}
```

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 #E023C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E023C7
}
```

## Border

The CSS property to change the border of an element to Hex E023C7 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
#E023C7 }
```

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

```
.border{ border-color:#E023C7 }
```

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

Here you see how a box with a 4 pixel #E023C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E023C7; -webkit-box-shadow:4px 4px  
4px 4px #E023C7; box-shadow:4px 4px 4px  
4px #E023C7 }
```

# Background

The CSS property to change the background color of an element to Hex E023C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E023C7 }
```

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

```
.background{ background-color:#E023C7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor