

Converting Colors

Hex(E23A9A)

Have a look what the booklet for
Hex(E23A9A) contains.

Hex(E23A9A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E23A9A)

Conversions

Conversions Part 1

Format	Color
Hex	E23A9A
RGB	226, 58, 154
RGB Percent	89%, 23%, 60%
CMY	0.1137, 0.7725, 0.3961
CMYK	0.00, 0.74, 0.32, 0.11
HSL	326°, 74%, 56%
HSV	326°, 74%, 89%
XYZ	38.7098, 21.5280, 32.6869
YIQ	119.1760, 69.3120, 65.4720

Conversions

Conversions Part 2

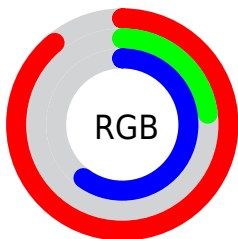
Format	Color
R_{YB}	226, 58, 154
Decimal	14826138
CIE _{Lab}	53.52, 70.96, -14.05
CIE _{LCh}	54, 72.333, 348.800
Yxy	21.5280, 0.4166, 0.2317
Android (android.graphics.Color)	4293016218 (0xFFE23A9A)
YUV	119.1760, 17.1682, 93.6846
Hunter-Lab	46.3982, 67.7248, -9.2902

Details

The Hex color **E23A9A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **3AE282**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF78D0**, and **A60067** is the 20% darker color. If you saturate the color by 10%, you get **E22390**, and if you desaturate by 10%, it is **E251A4**.

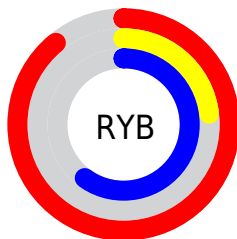
Distribution



Red (89%)

Green (23%)

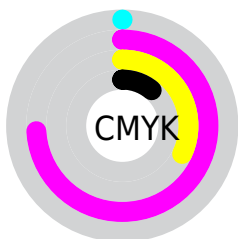
Blue (60%)



Red (89%)

Yellow (23%)

Blue (60%)

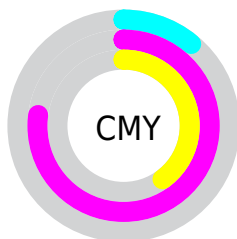


Cyan (0%)

Magenta (74%)

Yellow (32%)

Black (11%)



Cyan (11%)

Magenta (77%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color E23A9A 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 E23A9A by changing the saturation by 10% instead.

 E23A9A

 E23A9A

FFFFFF

 C40C80

 FF78D0

 A60067

 FF95ED

 88004F

 FFB2FF

 6B0038

 FFD0FF

 4F0023

 FFE0FF

 330009

 000000

 E23A9A

 E23A9A

 E22390

 E251A4

 E20D87

 E267AD

 E20081

 E27EB7

 E294C1

 E2ABCA

 E2C2D4

 E2D8DE

 E2EFE7

 E2FFF1

Harmonies

Analogous

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



B25AD3



E23A9A



EC395C

Triad

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



E23A9A



768900



0098DD

Complementary

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



E23A9A



3AE282

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.



009BA6



E23A9A



149423

Square

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



E23A9A



AE7500



009A66



008EFB

Rectangle

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



E23A9A



E14D34



009A66



009ACD

Sweetspot

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



E23A9A



FFC7E7



803AE2



805E71



000000



808080

Same Dimension

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



E23A9A



FF1C9E



E23A48



70656B



B00065



30001C

Inverse Universe

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



E23A9A



FF1C9E



3AE2D4



70656B



B00065



30001C

Previews

White Background



This preview shows how the Hex color E23A9A 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 E23A9A Background



This preview shows how black text looks on a background with the Hex color E23A9A.

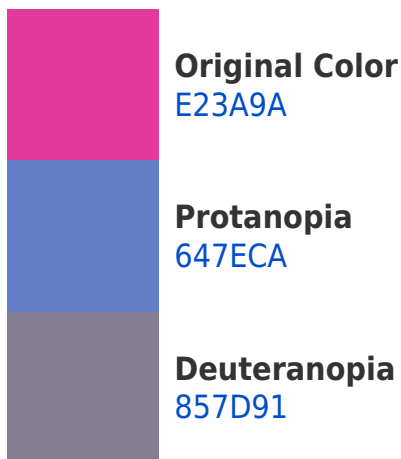


This preview shows how white text looks on a background with the Hex color E23A9A.

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
DD4F53

Trichromacy



Original Color
E23A9A



Protanomaly
9265B9



Deuteranomaly
A76594

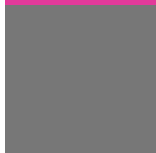


Tritanomaly
DF476D

Monochromacy



Original Color
E23A9A



Achromatopsia
777777



Achromatomaly
9E6184

CSS Examples

Text

The CSS property to change the color of the text to Hex E23A9A 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 #E23A9A looks like.

```
.text, #text, p{  
    color:#E23A9A  
}
```

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 #E23A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23A9A
}
```

Border

The CSS property to change the border of an element to Hex E23A9A 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
#E23A9A }
```

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

```
.border{ border-color:#E23A9A }
```

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

Here you see how a box with a 4 pixel #E23A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23A9A; -webkit-box-shadow:4px 4px  
4px 4px #E23A9A; box-shadow:4px 4px 4px  
4px #E23A9A }
```

Background

The CSS property to change the background color of an element to Hex E23A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23A9A }
```

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

```
.background{ background-color:#E23A9A }
```

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