

Converting Colors

Hex(E23CC1)

Have a look what the booklet for
Hex(E23CC1) contains.

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Color

Hex(E23CC1)

Conversions

Conversions Part 1

Format	Color
Hex	E23CC1
RGB	226, 60, 193
RGB Percent	89%, 24%, 76%
CMY	0.1137, 0.7647, 0.2431
CMYK	0.00, 0.73, 0.15, 0.11
HSL	312°, 74%, 56%
HSV	312°, 73%, 89%
XYZ	42.6055, 23.2507, 52.6944
YIQ	124.7960, 56.2430, 76.5550

Conversions

Conversions Part 2

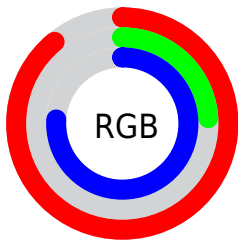
Format	Color
R _Y B	226, 60, 193
Decimal	14826689
CIE Lab	55.33, 75.20, -34.04
CIE LCh	55, 82.550, 335.646
Yxy	23.2507, 0.3594, 0.1961
Android (android.graphics.Color)	4293016769 (0xFFE23CC1)
YUV	124.7960, 33.6246, 88.7559
Hunter-Lab	48.2190, 73.3364, -31.0396

Details

The Hex color **E23CC1** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **3CE25D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7AFA**, and **A7008B** is the 20% darker color. If you saturate the color by 10%, you get **E225BD**, and if you desaturate by 10%, it is **E253C5**.

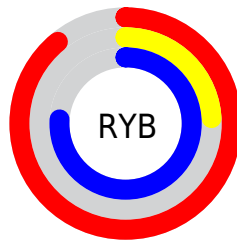
Distribution



Red (89%)

Green (24%)

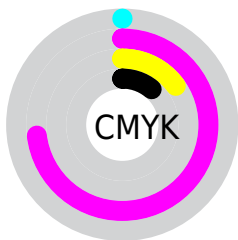
Blue (76%)



Red (89%)

Yellow (24%)

Blue (76%)

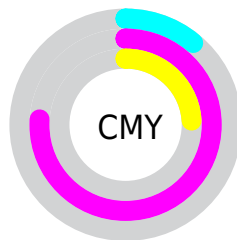


Cyan (0%)

Magenta (73%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (76%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E23CC1 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 E23CC1 by changing the saturation by 10% instead.

 E23CC1

 E23CC1

FFFFFF

 C40EA6

 FF7AFA

 A7008B

 FF98FF

 890071

 FFB5FF

 6D0058

 FFD3FF

 510040

 FFF1FF

 36002A

 130013

 000000

 E23CC1

 E23CC1

 E225BD

 E253C5

 E20FB8

 E269CA

 E200B5

 E280CE

 E296D3

 E2ADD7

 E2C4DC

 E2DAE0

 E2F1E5

 E2FFE9

Harmonies

Analogous

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



916AFA



E23CC1



FF187A

Triad

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



E23CC1



958600



00A2D7

Complementary

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



E23CC1



3CE25D

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.



00A391



E23CC1



469700

Square

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



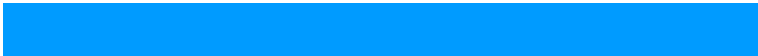
E23CC1



CE6A00



009F45



009BFF

Rectangle

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



E23CC1



FC304C



009F45



00A3C1

Sweetspot

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



E23CC1



FFC7F4



5A3CE2



805E79



000000



808080

Same Dimension

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



E23CC1



FF1FD2



E23C71



70656E



B0008D



300027

Inverse Universe

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



E23CC1



FF1FD2



3CE2AD



70656E



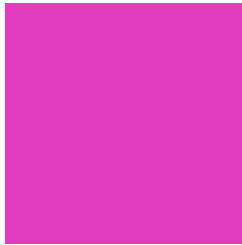
B0008D



300027

Previews

White Background



This preview shows how the Hex color E23CC1 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 E23CC1 Background



This preview shows how black text looks on a background with the Hex color E23CC1.

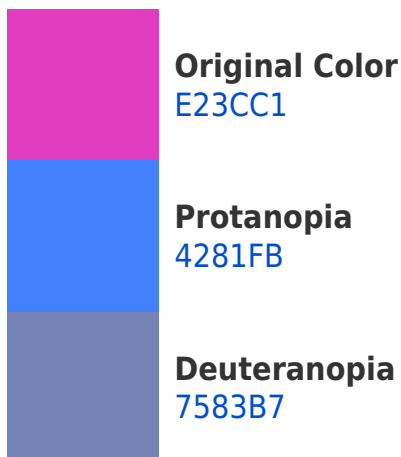



This preview shows how white text looks on a background with the Hex color E23CC1.

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
D95B61

Trichromacy



Original Color
E23CC1



Protanomaly
7C68E6



Deuteranomaly
9D69BB



Tritanomaly
DC5084

Monochromacy



Original Color
E23CC1



Achromatopsia
7D7D7D



Achromatomaly
A26596

CSS Examples

Text

The CSS property to change the color of the text to Hex E23CC1 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 #E23CC1 looks like.

```
.text, #text, p{  
    color:#E23CC1  
}
```

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 #E23CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23CC1
}
```

Border

The CSS property to change the border of an element to Hex E23CC1 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
#E23CC1 }
```

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

```
.border{ border-color:#E23CC1 }
```

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

Here you see how a box with a 4 pixel #E23CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23CC1; -webkit-box-shadow:4px 4px  
4px 4px #E23CC1; box-shadow:4px 4px 4px  
4px #E23CC1 }
```

Background

The CSS property to change the background color of an element to Hex E23CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23CC1 }
```

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

```
.background{ background-color:#E23CC1 }
```

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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