

# Converting Colors

Hex(C23E80)

Have a look what the booklet for  
Hex(C23E80) contains.

<b>Hex(C23E80)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(C23E80)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C23E80
RGB	194, 62, 128
RGB Percent	76%, 24%, 50%
CMY	0.2392, 0.7569, 0.4980
CMYK	0.00, 0.68, 0.34, 0.24
HSL	330°, 52%, 50%
HSV	330°, 68%, 76%
XYZ	27.8670, 16.4731, 22.1329
YIQ	108.9920, 57.4860, 48.5100

# Conversions

## Conversions Part 2

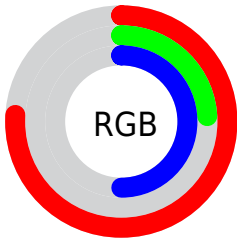
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 62, 128
Decimal	12729984
CIE <sub>Lab</sub>	47.59, 58.07, -7.96
CIE <sub>LCh</sub>	48, 58.617, 352.197
Yxy	16.4731, 0.4192, 0.2478
Android (android.graphics.Color)	4290920064 (0xFFC23E80)
YUV	108.9920, 9.3709, 74.5520
Hunter-Lab	40.5871, 51.5306, -3.9211

# Details

The Hex color **C23E80** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **3EC280**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FE76B5**, and **88004F** is the 20% darker color. If you saturate the color by 10%, you get **C22B76**, and if you desaturate by 10%, it is **C2518A**.

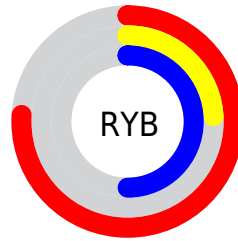
# Distribution



Red (76%)

Green (24%)

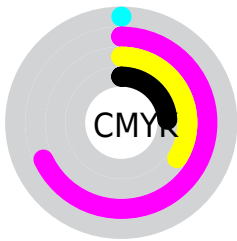
Blue (50%)



Red (76%)

Yellow (24%)

Blue (50%)

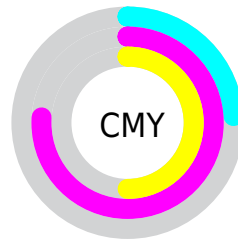


Cyan (0%)

Magenta (68%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (76%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C23E80 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 C23E80 by changing the saturation by 10% instead.



 C23E80

 C23E80

FFFFFF

 A51E67

 FE76B5

 88004F

 FF92D0

 6C0038

 FFAFED

 500023

 FFCBFF

 37000B

 FFE8FF

 0C0000

 000000

 C23E80

 C23E80

 C22B76

 C2518A

 C2176D

 C26593

 C20463

 C2789D

 C20061

 C28CA7

 C29FB1

 C2B2BA

 C2C6C4

 C2D9CE

 C2EDD7

# Harmonies

## Analogous

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



9F52AE



C23E80



C7404F

# Triad

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



C23E80



657900



0084BE

# Complementary

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



C23E80



3EC280

# 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.



008795



C23E80



1B8230

# Square

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



C23E80



936A00



008762



007BD3

# Rectangle

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



C23E80



BE4D30



008762



0086B2



# Sweetspot

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



C23E80



FCCA E3



803EC2



806170



000000



808080



# Same Dimension

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



C23E80



FC2D95



C23E3E



61575C



A10050



210011



# Inverse Universe

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



C23E80



FC2D95



3EC2C2



61575C



A10050



210011



# Previews

## White Background



This preview shows how the Hex color C23E80 looks on a white background.

## Color Contrast Check

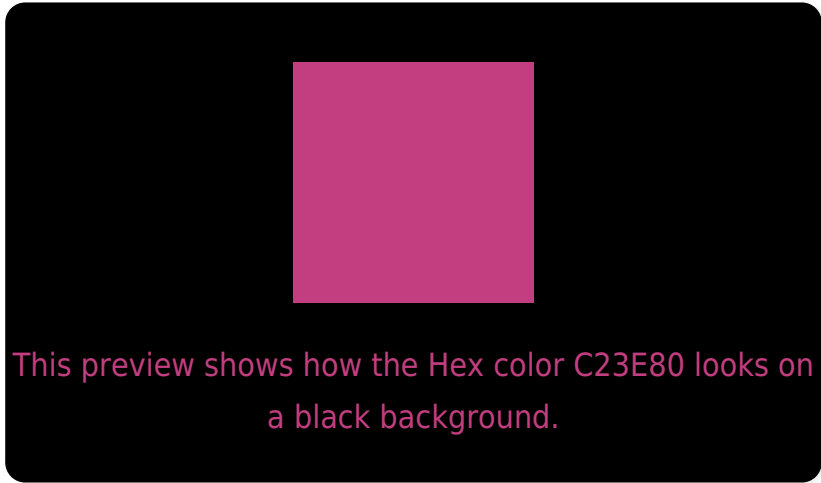
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C23E80 Background



This preview shows how black text looks on a background with the Hex color C23E80.

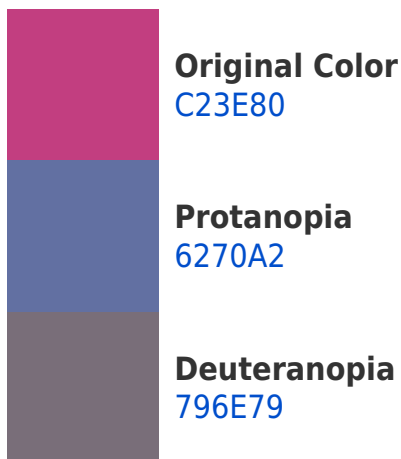


This preview shows how white text looks on a background with the Hex color C23E80.

# 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**  
BE4A4F

# Trichromacy



**Original Color**  
C23E80



**Protanomaly**  
855E96



**Deuteranomaly**  
945D7C



**Tritanomaly**  
BF4661

# Monochromacy



**Original Color**  
C23E80



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
8C5C74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C23E80 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 #C23E80 looks like.

```
.text, #text, p{  
    color:#C23E80  
}
```

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 #C23E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23E80
}
```

## Border

The CSS property to change the border of an element to Hex C23E80 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
#C23E80 }
```

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

```
.border{ border-color:#C23E80 }
```

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

Here you see how a box with a 4 pixel #C23E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23E80; -webkit-box-shadow:4px 4px  
4px 4px #C23E80; box-shadow:4px 4px 4px  
4px #C23E80 }
```

# Background

The CSS property to change the background color of an element to Hex C23E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23E80 }
```

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

```
.background{ background-color:#C23E80 }
```

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