

Converting Colors

Hex(9C23E2)

Have a look what the booklet for
Hex(9C23E2) contains.

Hex(9C23E2)	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(9C23E2)

Conversions

Conversions Part 1	
Format	Color
Hex	9C23E2
RGB	156, 35, 226
RGB Percent	61%, 14%, 89%
CMY	0.3882, 0.8627, 0.1137
CMYK	0.31, 0.85, 0.00, 0.11
HSL	278°, 77%, 51%
HSV	278°, 85%, 89%
XYZ	28.0388, 13.7610, 73.1298
YIQ	92.9530, 10.8050, 85.0530

Conversions

Conversions Part 2

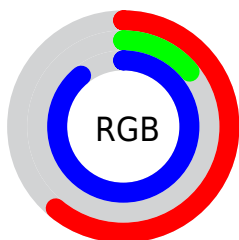
Format	Color
RYB	156, 35, 226
Decimal	10232802
CIELab	43.89, 74.71, -71.89
CIELCh	44, 103.682, 316.100
Yxy	13.7610, 0.2440, 0.1197
Android (android.graphics.Color)	4288422882 (0xFF9C23E2)
YUV	92.9530, 65.5922, 55.2922
Hunter-Lab	37.0958, 70.0014, -90.9160

Details

The Hex color **9C23E2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **69E223**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D862FF**, and **6100A9** is the 20% darker color. If you saturate the color by 10%, you get **940CE2**, and if you desaturate by 10%, it is **A43AE2**.

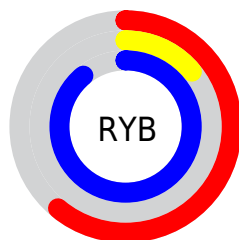
Distribution



Red (61%)

Green (14%)

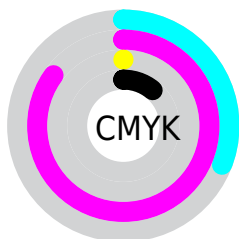
Blue (89%)



Red (61%)

Yellow (14%)

Blue (89%)

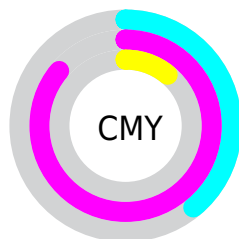


Cyan (31%)

Magenta (85%)

Yellow (0%)

Black (11%)



Cyan (39%)

Magenta (86%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C23E2 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 9C23E2 by changing the saturation by 10% instead.



9C23E2



9C23E2

FFFFFF



7E00C5



D862FF



6100A9



F67FFF



42008E



FF9BFF



1F0074



FFB8FF



00005A



FFD5FF



000341



FFF3FF



00032A



000114



000000

 9C23E2

 9C23E2

 940CE2

 A43AE2

 8F00E2

 AD50E2

 B567E2

 BD7DE2

 C594E2

 CEABE2

 D6C1E2

 DED8E2

 E7EEE2

Harmonies

Analogous

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



0065FF



9C23E2



E50094

Triad

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



9C23E2



9F5500



008796

Complementary

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



9C23E2



69E223

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.



00843A



9C23E2



537200

Square

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



9C23E2



D60000



007F00



0087E5

Rectangle

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



9C23E2



F3005B



007F00



008678

Sweetspot

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



9C23E2



E8BFFF



2369E2



715980



000000



808080

Same Dimension

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



9C23E2



A200FF



E223C9



6C6570



6F00B0



1F0030

Inverse Universe

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



E22369



FF005D



23E23C



706569



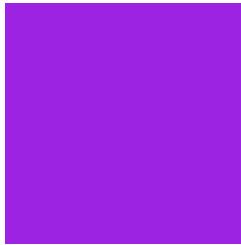
B00040



300012

Previews

White Background



This preview shows how the Hex color 9C23E2 looks on a white background.

Color Contrast Check

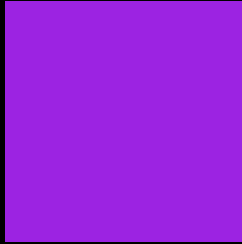
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9C23E2 looks on a 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 9C23E2 Background



This preview shows how black text looks on a background with the Hex color 9C23E2.



This preview shows how white text looks on a background with the Hex color 9C23E2.

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



Original Color

9C23E2

Protanopia

0065D4





Deuteranopia

006BB8






Tritanopia
865D64

Trichromacy

	Original Color 9C23E2
	Protanomaly 394DD9
	Deuteranomaly 3951C7
	Tritanomaly 8E4892

Monochromacy

	Original Color 9C23E2
	Achromatopsia 5D5D5D
	Achromatomaly 74488D

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C23E2 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 #9C23E2 looks like.

```
.text, #text, p{  
    color:#9C23E2  
}
```

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 #9C23E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C23E2
}
```

Border

The CSS property to change the border of an element to Hex 9C23E2 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
#9C23E2 }
```

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

```
.border{ border-color:#9C23E2 }
```

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

Here you see how a box with a 4 pixel #9C23E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C23E2; -webkit-box-shadow:4px 4px  
4px 4px #9C23E2; box-shadow:4px 4px 4px  
4px #9C23E2 }
```

Background

The CSS property to change the background color of an element to Hex 9C23E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C23E2 }
```

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

```
.background{ background-color:#9C23E2 }
```

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