

Converting Colors

Hex(9A23E8)

Have a look what the booklet for
Hex(9A23E8) contains.

Hex(9A23E8)	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(9A23E8)

Conversions

Conversions Part 1

Format	Color
Hex	9A23E8
RGB	154, 35, 232
RGB Percent	60%, 14%, 91%
CMY	0.3961, 0.8627, 0.0902
CMYK	0.34, 0.85, 0.00, 0.09
HSL	276°, 81%, 52%
HSV	276°, 85%, 91%
XYZ	28.4929, 13.8983, 77.5248
YIQ	93.0390, 7.6870, 86.4950

Conversions

Conversions Part 2

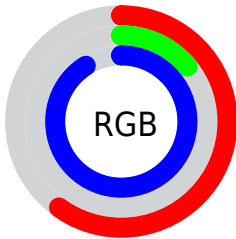
Format	Color
RYB	154, 35, 232
Decimal	10101736
CIELab	44.09, 75.64, -74.99
CIELCh	44, 106.513, 315.246
Yxy	13.8983, 0.2376, 0.1159
Android (android.graphics.Color)	4288291816 (0xFF9A23E8)
YUV	93.0390, 68.5078, 53.4628
Hunter-Lab	37.2804, 71.1846, -97.1976

Details

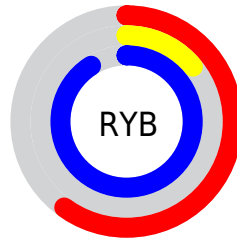
The Hex color **9A23E8** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **71E823**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D662FF**, and **5E00AF** is the 20% darker color. If you saturate the color by 10%, you get **910CE8**, and if you desaturate by 10%, it is **A33AE8**.

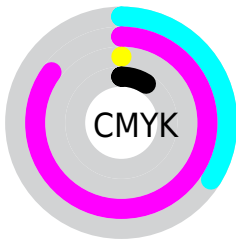
Distribution



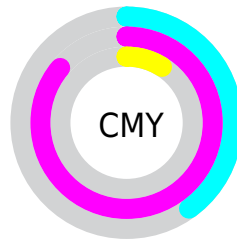
- Red (60%)
- Green (14%)
- Blue (91%)



- Red (60%)
- Yellow (14%)
- Blue (91%)



- Cyan (34%)
- Magenta (85%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (86%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A23E8 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 9A23E8 by changing the saturation by 10% instead.

 9A23E8

 9A23E8

FFFFFF

 7C00CB

 D662FF

 5E00AF

 F57FFF

 3E0093

 FF9CFF

 170079

 FFB8FF

 00005F

 FFD6FF

 000246

 FFF3FF


 00042F

 000119

 000000

 9A23E8

 9A23E8

 910CE8

 A33AE8

 8C00E8

 AC51E8

 B669E8

 BF80E8

 C897E8

 D1AEE8

 DAC5E8

 E3DDE8

 EDF4E8

Harmonies

Analogous

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



0067FF



9A23E8



E80098

Triad

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



9A23E8



A25400



008895

Complementary

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



9A23E8



71E823

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.



008537



9A23E8



557300

Square

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



9A23E8



DA0000



008000



0088E7

Rectangle

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



9A23E8



F7005E



008000



008776

Sweetspot

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



9A23E8



E6BFFF



2372E8



705980



000000



808080

Same Dimension

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



9A23E8



9A00FF



E823D4



6E6773



6C00B3



1F0033

Inverse Universe

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



E82371



FF0065



23E837



73676C



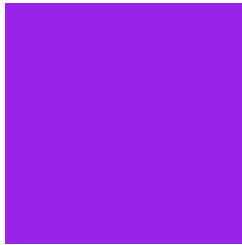
B30047



330014

Previews

White Background



This preview shows how the Hex color 9A23E8 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

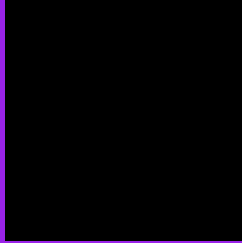
Any Text WCAG AA × Fail

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 9A23E8 Background



This preview shows how black text looks on a background with the Hex color 9A23E8.

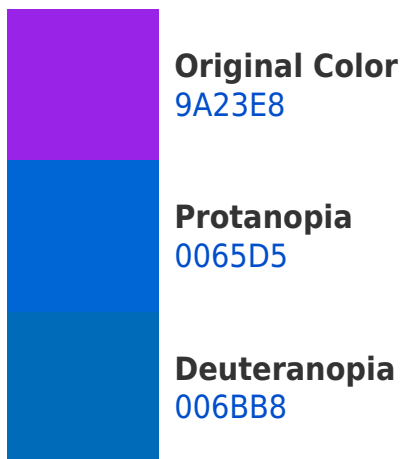


This preview shows how white text looks on a background with the Hex color 9A23E8.

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
825F66

Trichromacy



Original Color
9A23E8



Protanomaly
384DDC



Deuteranomaly
3851C9



Tritanomaly
8B4995

Monochromacy



Original Color
9A23E8



Achromatopsia
5D5D5D



Achromatomaly
734890

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A23E8 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 #9A23E8 looks like.

```
.text, #text, p{  
    color:#9A23E8  
}
```

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 #9A23E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A23E8
}
```

Border

The CSS property to change the border of an element to Hex 9A23E8 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".

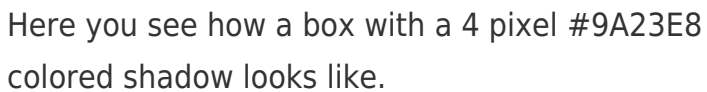
```
.border, #border, table{ border:4px solid
#9A23E8 }
```

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

```
.border{ border-color:#9A23E8 }
```

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

Here you see how a box with a 4 pixel #9A23E8 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A23E8; -webkit-box-shadow:4px 4px  
4px 4px #9A23E8; box-shadow:4px 4px 4px  
4px #9A23E8 }
```

Background

The CSS property to change the background color of an element to Hex 9A23E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A23E8 }
```

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

```
.background{ background-color:#9A23E8 }
```

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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