

Converting Colors

Hex(9F23A0)

Have a look what the booklet for
Hex(9F23A0) contains.

Hex(9F23A0)	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(9F23A0)

Conversions

Conversions Part 1

Format	Color
Hex	9F23A0
RGB	159, 35, 160
RGB Percent	62%, 14%, 63%
CMY	0.3765, 0.8627, 0.3725
CMYK	0.01, 0.78, 0.00, 0.37
HSL	300°, 64%, 38%
HSV	300°, 78%, 63%
XYZ	21.2443, 11.1111, 34.2827
YIQ	86.3260, 33.7790, 65.1630

Conversions

Conversions Part 2

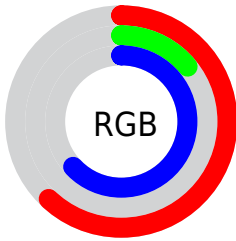
Format	Color
RYB	159, 35, 160
Decimal	10429344
CIELab	39.77, 63.06, -39.91
CIElCh	40, 74.633, 327.671
Yxy	11.1111, 0.3188, 0.1667
Android (android.graphics.Color)	4288619424 (0xFF9F23A0)
YUV	86.3260, 36.3213, 63.7351
Hunter-Lab	33.3333, 55.4302, -37.6454

Details

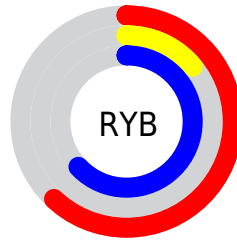
The Hex color **9F23A0** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **24A023**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D95FD7**, and **67006C** is the 20% darker color. If you saturate the color by 10%, you get **9F13A0**, and if you desaturate by 10%, it is **9F33A0**.

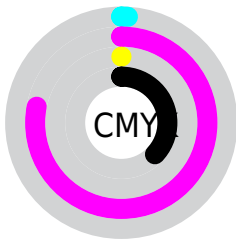
Distribution



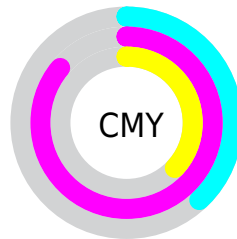
- Red (62%)
- Green (14%)
- Blue (63%)



- Red (62%)
- Yellow (14%)
- Blue (63%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (86%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F23A0 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 9F23A0 by changing the saturation by 10% instead.

9F23A0

9F23A0

FFFFFF

830085

D95FD7

67006C

F77BF4

4C0053

FF97FF

34003B

FFB4FF

130025

FFD0FF

00000C

FFEEFF

000000

9F23A0

9F23A0

9F13A0

9F33A0

 9F03A0

 9F43A0

 9F00A0

 9F53A0

 A063A0

 A073A0

 A083A0

 A093A0

 A0A3A0

 A0B3A0

Harmonies

Analogous

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



4050CC



9F23A0



C10065

Triad

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



9F23A0



775A00



007695

Complementary

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



9F23A0



24A023

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.



007557



9F23A0



3A6A00

Square

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



9F23A0



A43D00



007210



0073C5

Rectangle

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



9F23A0



C3003D



007210



007681

Sweetspot

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



9F23A0



D1A1D1



2325A0



684B69



E8E8E8



696969

Same Dimension

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



9F23A0



D00DD1



A02364



4F474F



8E008F



0F000F

Inverse Universe

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



A02324



D10D0E



23A05F



4F4747



8F0001



0F0000

Previews

White Background



This preview shows how the Hex color 9F23A0 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

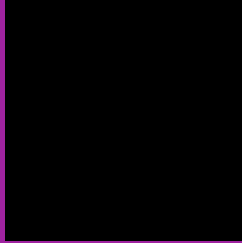
Any Text WCAG AA × Fail

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 9F23A0 Background



This preview shows how black text looks on a background with the Hex color 9F23A0.

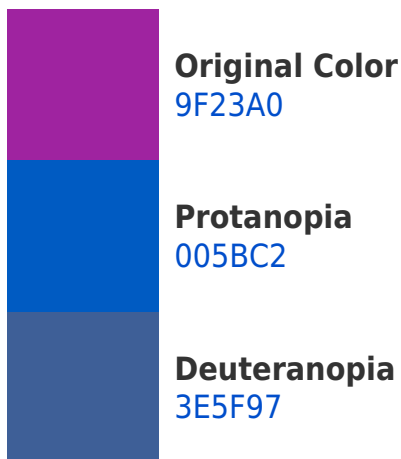



This preview shows how white text looks on a background with the Hex color 9F23A0.

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](#).

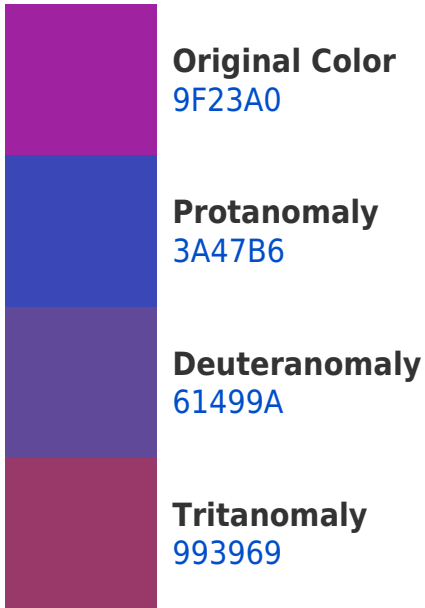
Dichromacy



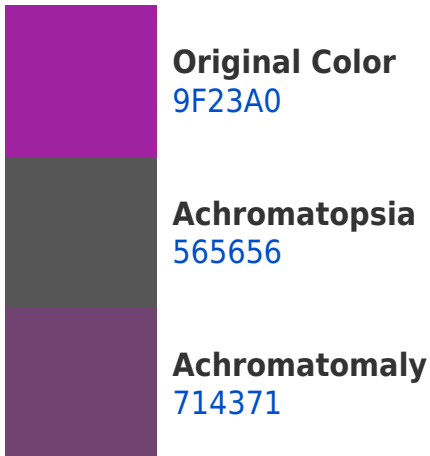


Tritanopia
95454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F23A0 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 #9F23A0 looks like.

```
.text, #text, p{  
    color:#9F23A0  
}
```

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 #9F23A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F23A0
}
```

Border

The CSS property to change the border of an element to Hex 9F23A0 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
#9F23A0 }
```

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

```
.border{ border-color:#9F23A0 }
```

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

Here you see how a box with a 4 pixel #9F23A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F23A0; -webkit-box-shadow:4px 4px  
4px 4px #9F23A0; box-shadow:4px 4px 4px  
4px #9F23A0 }
```

Background

The CSS property to change the background color of an element to Hex 9F23A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F23A0 }
```

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

```
.background{ background-color:#9F23A0 }
```

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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