

# Converting Colors

Hex(A13F8B)

Have a look what the booklet for  
Hex(A13F8B) contains.

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# Color

**Hex(A13F8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A13F8B
RGB	161, 63, 139
RGB Percent	63%, 25%, 55%
CMY	0.3686, 0.7529, 0.4549
CMYK	0.00, 0.61, 0.14, 0.37
HSL	313°, 44%, 44%
HSV	313°, 61%, 63%
XYZ	21.1356, 12.9962, 25.8206
YIQ	100.9660, 34.0120, 44.4120

# Conversions

## Conversions Part 2

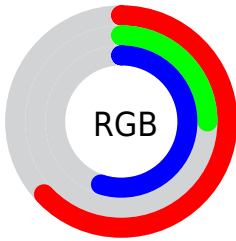
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 63, 139
Decimal	10567563
CIE <sub>Lab</sub>	42.76, 49.66, -22.49
CIE <sub>LCh</sub>	43, 54.511, 335.635
Yxy	12.9962, 0.3525, 0.2168
Android (android.graphics.Color)	4288757643 (0xFFA13F8B)
YUV	100.9660, 18.7508, 52.6498
Hunter-Lab	36.0502, 41.5639, -17.2308

# Details

The Hex color **A13F8B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3FA155**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **DA74C1**, and **6A0059** is the 20% darker color. If you saturate the color by 10%, you get **A12F87**, and if you desaturate by 10%, it is **A14F8F**.

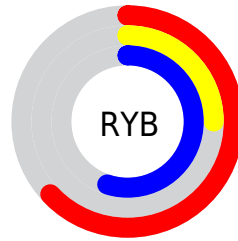
# Distribution



Red (63%)

Green (25%)

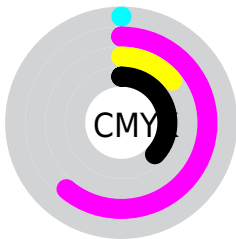
Blue (55%)



Red (63%)

Yellow (25%)

Blue (55%)

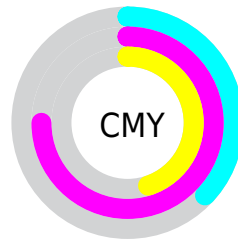


Cyan (0%)

Magenta (61%)

Yellow (14%)

Black (37%)



Cyan (37%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A13F8B 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 A13F8B by changing the saturation by 10% instead.



 A13F8B

 A13F8B

FFFFFF

 852371

 DA74C1

 6A0059

 F78FDD

 500041

 FFABF9

 38002B

 FFC7FF

 1B0015

 FFE4FF

 000000

 A13F8B

 A13F8B

 A12F87

 A14F8F

 A11F84

 A15F92

 A10F80

 A16F96

 A1007D

 A17F99

 A1909D

 A1A0A1

 A1B0A4

 A1C0A8

 A1D0AC

# Harmonies

## Analogous

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



7055AF



A13F8B



B4345E

# Triad

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



A13F8B



726600



007999

# Complementary

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



A13F8B



3FA155

# 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.



00796C



A13F8B



43710F

# Square

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



A13F8B



975507



00773E



0073B7

# Rectangle

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



A13F8B



B33A41



00773E



00798B



# Sweetspot

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



A13F8B



D1ABC9



543FA1



695263



E8E8E8



696969



# Same Dimension

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



A13F8B



D138AF



A13F5B



524950



910071



12000E



# Inverse Universe

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



A13F8B



D138AF



3FA185



524950



910071



12000E



# Previews

## White Background



This preview shows how the Hex color A13F8B looks on a white background.

## Color Contrast Check

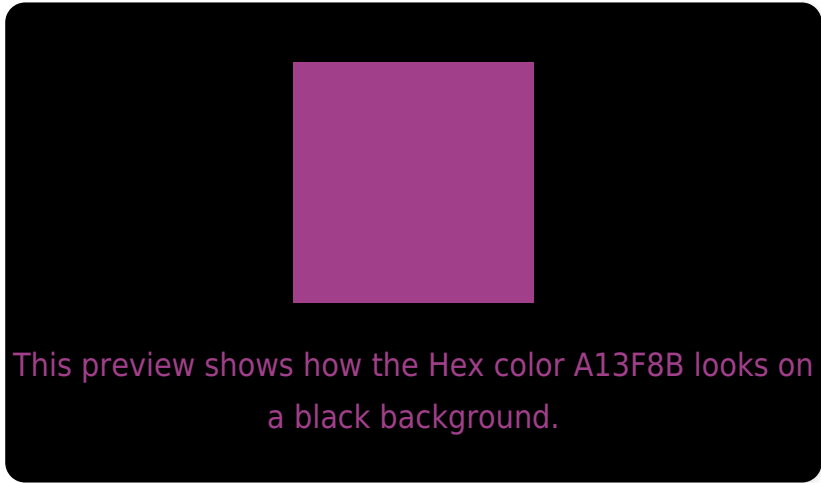
Large Text (above 18pt) WCAG AA ✓ Pass

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

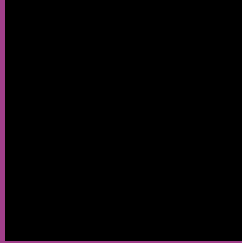
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A13F8B Background



This preview shows how black text looks on a background with the Hex color A13F8B.

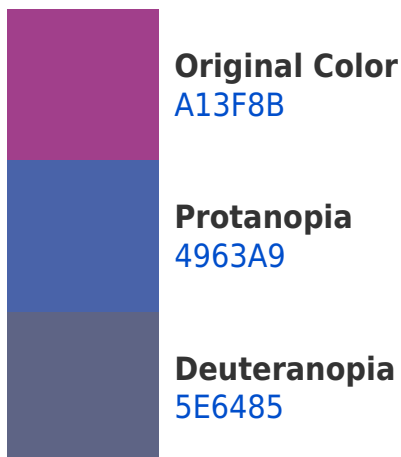



This preview shows how white text looks on a background with the Hex color A13F8B.

# 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](#).

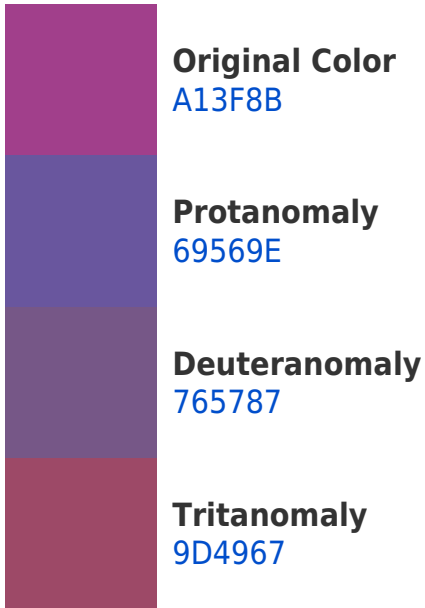
## Dichromacy



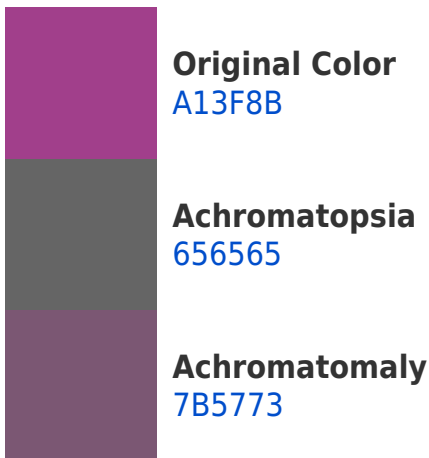


**Tritanopia**  
9B4E53

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A13F8B 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 #A13F8B looks like.

```
.text, #text, p{  
    color:#A13F8B  
}
```

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 #A13F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A13F8B
}
```

## Border

The CSS property to change the border of an element to Hex A13F8B 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
#A13F8B }
```

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

```
.border{ border-color:#A13F8B }
```

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

Here you see how a box with a 4 pixel #A13F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A13F8B; -webkit-box-shadow:4px 4px  
4px 4px #A13F8B; box-shadow:4px 4px 4px  
4px #A13F8B }
```

# Background

The CSS property to change the background color of an element to Hex A13F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A13F8B }
```

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

```
.background{ background-color:#A13F8B }
```

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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