

# Converting Colors

Hex(A2103F)

Have a look what the booklet for  
Hex(A2103F) contains.

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# Color

**Hex(A2103F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2103F
RGB	162, 16, 63
RGB Percent	64%, 6%, 25%
CMY	0.3647, 0.9373, 0.7529
CMYK	0.00, 0.90, 0.61, 0.36
HSL	341°, 82%, 35%
HSV	341°, 90%, 64%
XYZ	15.9828, 8.4108, 5.4837
YIQ	65.0120, 71.9290, 45.5690

# Conversions

## Conversions Part 2

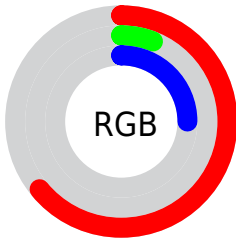
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 16, 63
Decimal	10620991
CIE <sub>Lab</sub>	34.82, 56.91, 13.77
CIE <sub>LCh</sub>	35, 58.550, 13.602
Yxy	8.4108, 0.5349, 0.2815
Android (android.graphics.Color)	4288811071 (0xFFA2103F)
YUV	65.0120, -0.9919, 85.0585
Hunter-Lab	29.0015, 47.6193, 9.0903

# Details

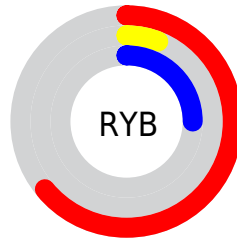
The Hex color **A2103F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **10A273**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **DF526E**, and **670016** is the 20% darker color. If you saturate the color by 10%, you get **A20034**, and if you desaturate by 10%, it is **A2204A**.

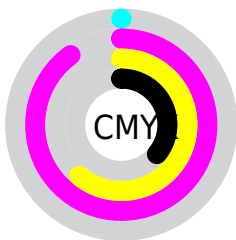
# Distribution



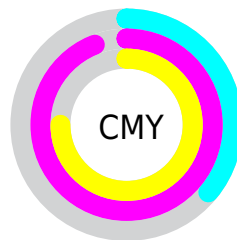
- Red (64%)
- Green (6%)
- Blue (25%)



- Red (64%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (90%)
- Yellow (61%)
- Black (36%)



- Cyan (36%)
- Magenta (94%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2103F 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 A2103F by changing the saturation by 10% instead.



 A2103F

 A2103F

FFFFFF

 840029

 DF526E

 670016

 FD6E87

 4B0001

 FF8AA2

 2E0002

 FFA6BD

 000000

 FFC2D8

 FFDFF5

 FFFDFF

 A2103F

 A2103F

 A20034

 A2204A

 A23055

 A24160

 A2516B

 A26176

 A27181

 A2818C

 A29297

 A2A2A2

# Harmonies

## Analogous

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



971A6D



A2103F



962D11

# Triad

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



A2103F



106000



005FAC

# Complementary

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



A2103F



10A273

# 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.



006592



A2103F



006436

# Square

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



A2103F



515600



006667



0051AE

# Rectangle

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



A2103F



843F00



006667



0061A6



# Sweetspot

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



A2103F



D49BAD



7110A2



6B4954



EBEBEB



6B6B6B



# Same Dimension

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



A2103F



D40044



A22810



52494C



91002F



120006



# Inverse Universe

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



A2103F



D40044



108AA2



52494C



91002F



120006



# Previews

## White Background



This preview shows how the Hex color A2103F looks on a white background.

## Color Contrast Check

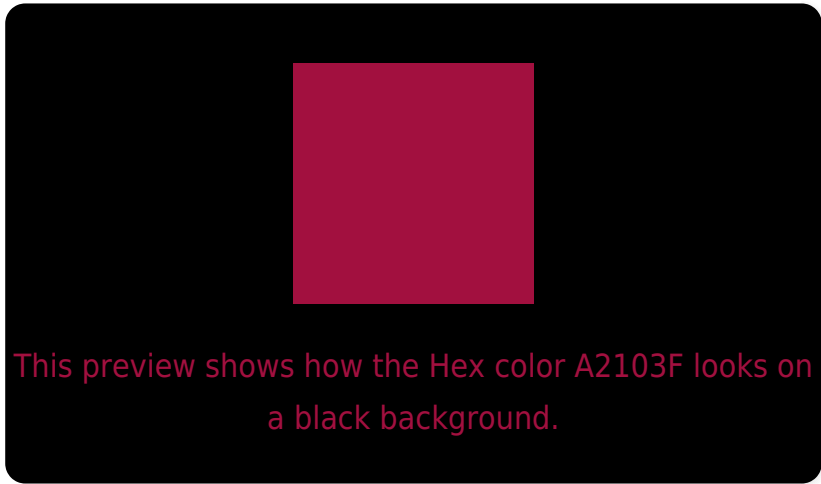
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A2103F Background



This preview shows how black text looks on a background with the Hex color A2103F.

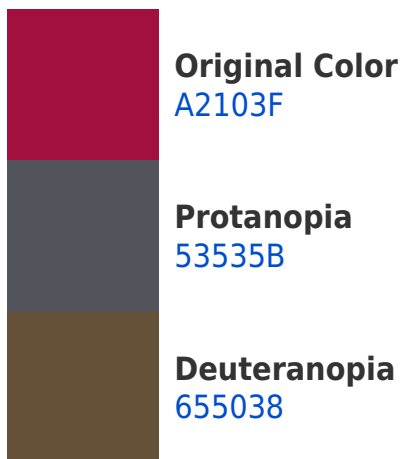


This preview shows how white text looks on a background with the Hex color A2103F.

# Color Blindness Simulation

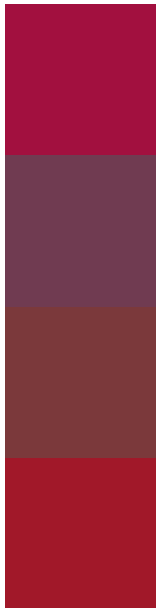
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
A2103F

**Protanomaly**  
703B51

**Deuteranomaly**  
7B393B

**Tritanomaly**  
A11829

# Monochromacy



**Original Color**  
A2103F

**Achromatopsia**  
414141

**Achromatomaly**  
642F40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2103F 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 #A2103F looks like.

```
.text, #text, p{  
    color:#A2103F  
}
```

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 #A2103F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2103F
}
```

## Border

The CSS property to change the border of an element to Hex A2103F is called "border". The border property can be set on classes, ids or directly on the HTML element.

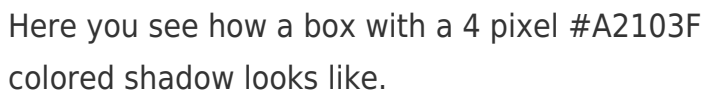
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2103F }
```

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

```
.border{ border-color:#A2103F }
```

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



Here you see how a box with a 4 pixel `#A2103F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2103F; -webkit-box-shadow:4px 4px  
4px 4px #A2103F; box-shadow:4px 4px 4px  
4px #A2103F }
```

# Background

The CSS property to change the background color of an element to Hex A2103F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2103F }
```

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

```
.background{ background-color:#A2103F }
```

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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