

# Converting Colors

Hex(A23081)

Have a look what the booklet for  
Hex(A23081) contains.

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# Color

**Hex(A23081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A23081
RGB	162, 48, 129
RGB Percent	64%, 19%, 51%
CMY	0.3647, 0.8118, 0.4941
CMYK	0.00, 0.70, 0.20, 0.36
HSL	317°, 54%, 41%
HSV	317°, 70%, 64%
XYZ	19.9197, 11.3803, 21.9156
YIQ	91.3200, 41.9430, 49.3590

# Conversions

## Conversions Part 2

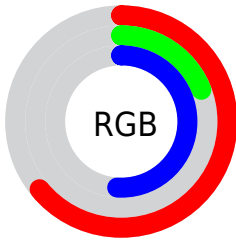
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	162, 48, 129
Decimal	10629249
CIE Lab	40.21, 54.70, -20.29
CIE LCh	40, 58.338, 339.648
Yxy	11.3803, 0.3743, 0.2139
Android (android.graphics.Color)	4288819329 (0xFFA23081)
YUV	91.3200, 18.5762, 61.9864
Hunter-Lab	33.7346, 46.3653, -14.9033

# Details

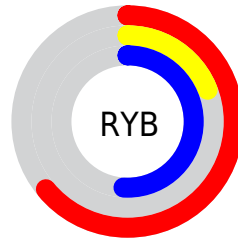
The Hex color **A23081** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **30A251**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **DC68B6**, and **6B0050** is the 20% darker color. If you saturate the color by 10%, you get **A2207C**, and if you desaturate by 10%, it is **A24086**.

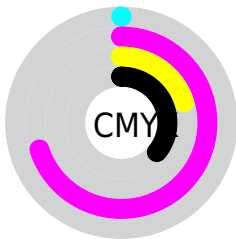
# Distribution



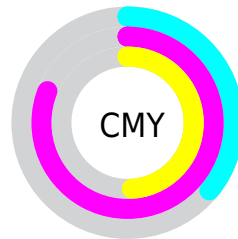
- Red (64%)
- Green (19%)
- Blue (51%)



- Red (64%)
- Yellow (19%)
- Blue (51%)



- Cyan (0%)
- Magenta (70%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (81%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A23081 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 A23081 by changing the saturation by 10% instead.



 A23081

 A23081

FFFFFF

 860C68

 DC68B6

 6B0050

 F983D2

 500038

 FF9FEE

 380023

 FFBBFF

 170009

 FFD8FF

 000000

 FFF5FF

 A23081

 A23081

 A2207C

 A24086

 A21078

 A2508A

 A20073

 A2618F

 A27194

 A28198

 A2919D

 A2A1A2

 A2B2A7

 A2C2AB

# Harmonies

## Analogous

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



724AA9



A23081



B22552

# Triad

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



A23081



656200



00739B

# Complementary

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



A23081



30A251

# 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.



00746D



A23081



2F6C02

# Square

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



A23081



8D5000



00723B



006DB9

# Rectangle

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



A23081



AE3033



00723B



00738D



# Sweetspot

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



A23081



D4A7C7



5030A2



6B5063



EBEBEB



6B6B6B



# Same Dimension

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



A23081



D422A0



A23049



52494F



910067



12000D



# Inverse Universe

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



A23081



D422A0



30A289



52494F



910067



12000D



# Previews

## White Background



This preview shows how the Hex color A23081 looks on a white background.

## Color Contrast Check

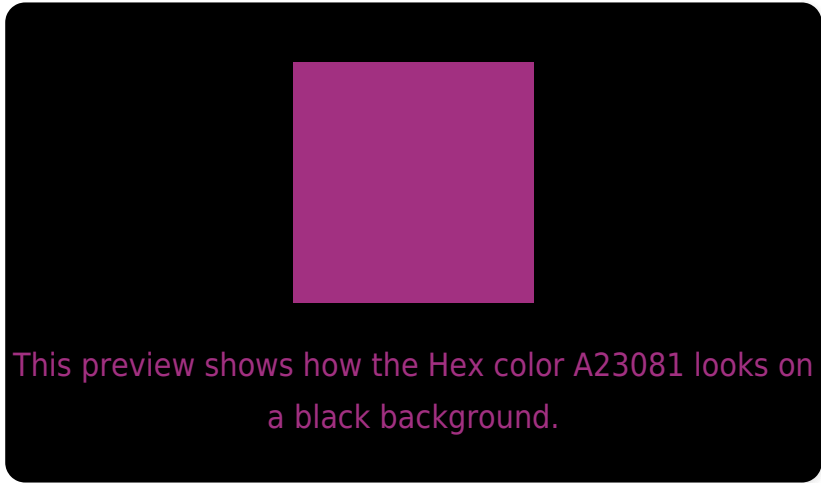
Large Text (above 18pt) WCAG AA ✓ Pass

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 A23081 Background



This preview shows how black text looks on a background with the Hex color A23081.

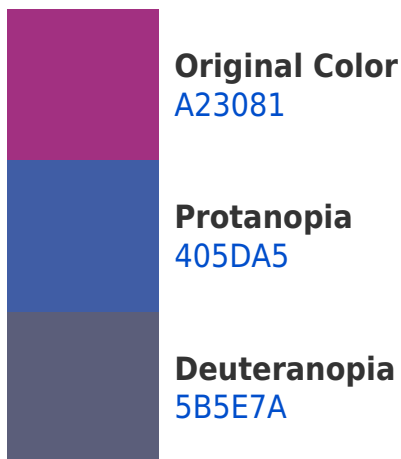


This preview shows how white text looks on a background with the Hex color A23081.

# 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](#).

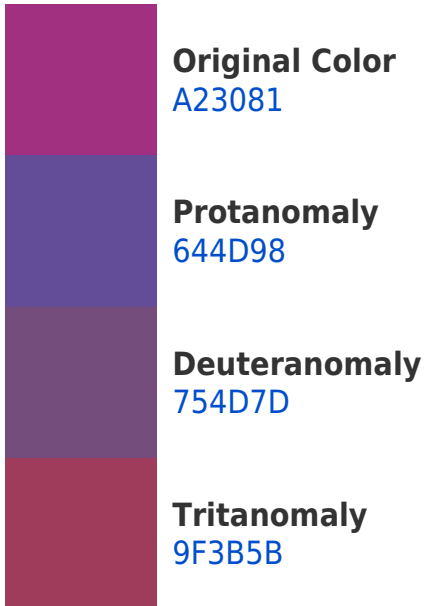
## Dichromacy



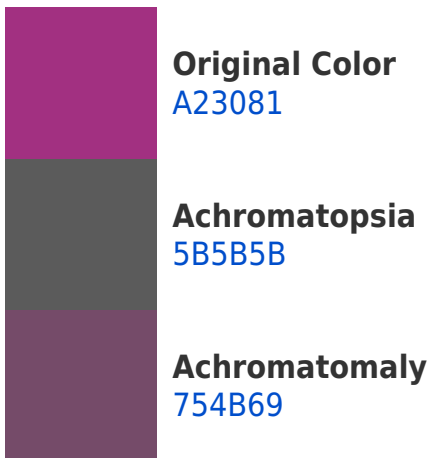


**Tritanopia**  
9D4146

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A23081 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 #A23081 looks like.

```
.text, #text, p{  
    color:#A23081  
}
```

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 #A23081 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A23081
}
```

## Border

The CSS property to change the border of an element to Hex A23081 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
#A23081 }
```

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

```
.border{ border-color:#A23081 }
```

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

Here you see how a box with a 4 pixel #A23081 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A23081; -webkit-box-shadow:4px 4px  
4px 4px #A23081; box-shadow:4px 4px 4px  
4px #A23081 }
```

# Background

The CSS property to change the background color of an element to Hex A23081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A23081 }
```

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

```
.background{ background-color:#A23081 }
```

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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