

# Converting Colors

Hex(8A2364)

Have a look what the booklet for  
Hex(8A2364) contains.

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**Color**

**Hex(8A2364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A2364
RGB	138, 35, 100
RGB Percent	54%, 14%, 39%
CMY	0.4588, 0.8627, 0.6078
CMYK	0.00, 0.75, 0.28, 0.46
HSL	322°, 60%, 34%
HSV	322°, 75%, 54%
XYZ	13.3825, 7.5254, 12.8038
YIQ	73.2070, 40.5230, 42.0510

# Conversions

## Conversions Part 2

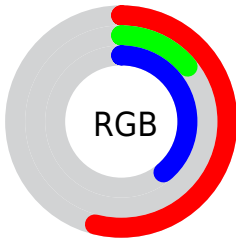
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 35, 100
Decimal	9053028
CIE <sub>Lab</sub>	32.97, 49.02, -13.55
CIE <sub>LCh</sub>	33, 50.858, 344.553
Yxy	7.5254, 0.3970, 0.2232
Android (android.graphics.Color)	4287243108 (0xFF8A2364)
YUV	73.2070, 13.2089, 56.8235
Hunter-Lab	27.4325, 39.0714, -8.4701

# Details

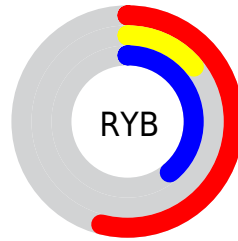
The Hex color **8A2364** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **238A49**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **C35A97**, and **540035** is the 20% darker color. If you saturate the color by 10%, you get **8A155F**, and if you desaturate by 10%, it is **8A3169**.

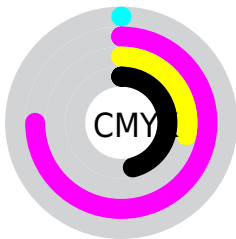
# Distribution



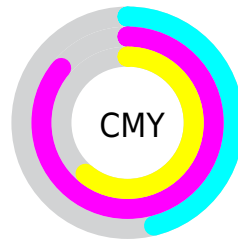
- Red (54%)
- Green (14%)
- Blue (39%)



- Red (54%)
- Yellow (14%)
- Blue (39%)



- Cyan (0%)
- Magenta (75%)
- Yellow (28%)
- Black (46%)



- Cyan (46%)
- Magenta (86%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A2364 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 8A2364 by changing the saturation by 10% instead.



 8A2364

 8A2364

FFFFFF

 6F004C

 C35A97

 540035

 E074B2

 3B0020

 FD8FCD

 200004

 FFABE9

 000000

 FFC7FF

 FFE4FF

 8A2364

 8A2364

 8A155F

 8A3169

 8A075A

 8A3F6E

 8A0057

 8A4C73

 8A5A78

 8A687D

 8A7683

 8A8488

 8A918D

 8A9F92

# Harmonies

## Analogous

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



673987



8A2364



941E3C

# Triad

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



8A2364



4D5200



005E85

# Complementary

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



8A2364



238A49

# 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.



005F61



8A2364



195A0A

# Square

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



8A2364



704400



005E37



00589B

# Rectangle

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



8A2364



8E2A22



005E37



005F7A



# Sweetspot

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



8A2364



B38BA4



49238A



594251



D9D9D9



595959



# Same Dimension

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



8A2364



B31277



8A2331



453E42



850054



050003



# Inverse Universe

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



8A2364



B31277



238A7C



453E42



850054



050003



# Previews

## White Background



This preview shows how the Hex color 8A2364 looks on a white background.

## Color Contrast Check

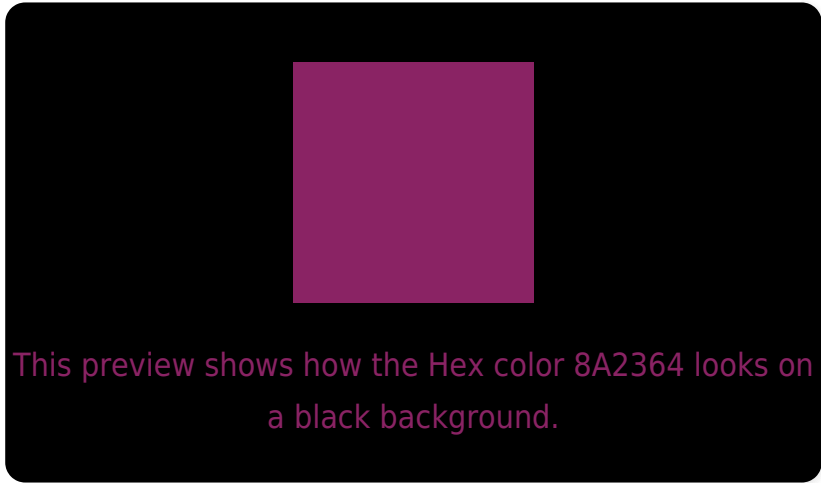
Large Text (above 18pt) WCAG AA ✓ Pass

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

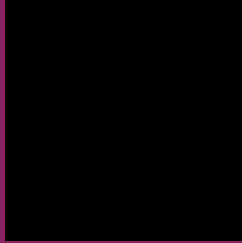
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8A2364 Background



This preview shows how black text looks on a background with the Hex color 8A2364.

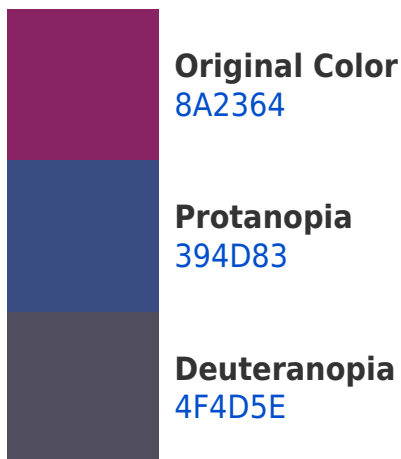


This preview shows how white text looks on a background with the Hex color 8A2364.

# 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



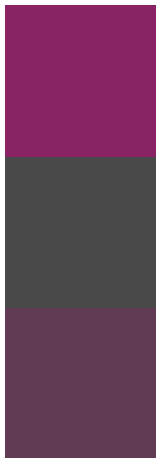
**Original Color**  
8A2364

**Protanomaly**  
563E78

**Deuteranomaly**  
643E60

**Tritanomaly**  
872D46

# Monochromacy



**Original Color**  
8A2364

**Achromatopsia**  
494949

**Achromatomaly**  
613B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A2364 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 #8A2364 looks like.

```
.text, #text, p{  
    color:#8A2364  
}
```

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 #8A2364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A2364
}
```

## Border

The CSS property to change the border of an element to Hex 8A2364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

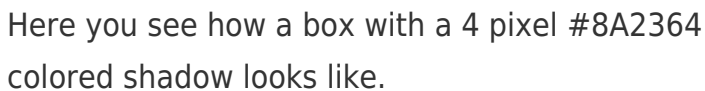
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A2364 }
```

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

```
.border{ border-color:#8A2364 }
```

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



Here you see how a box with a 4 pixel #8A2364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A2364; -webkit-box-shadow:4px 4px  
4px 4px #8A2364; box-shadow:4px 4px 4px  
4px #8A2364 }
```

# Background

The CSS property to change the background color of an element to Hex 8A2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A2364 }
```

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

```
.background{ background-color:#8A2364 }
```

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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