

# Converting Colors

Hex(A0272F)

Have a look what the booklet for  
Hex(A0272F) contains.

<b>Hex(A0272F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A0272F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0272F
RGB	160, 39, 47
RGB Percent	63%, 15%, 18%
CMY	0.3725, 0.8471, 0.8157
CMYK	0.00, 0.76, 0.71, 0.37
HSL	356°, 61%, 39%
HSV	356°, 76%, 63%
XYZ	15.7358, 9.1299, 3.6222
YIQ	76.0910, 69.5480, 28.1400

# Conversions

## Conversions Part 2

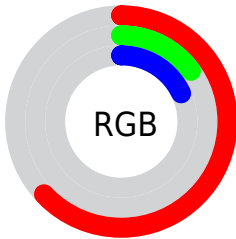
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 39, 47
Decimal	10495791
CIE <sub>Lab</sub>	36.23, 49.41, 25.73
CIE <sub>LCh</sub>	36, 55.707, 27.513
Yxy	9.1299, 0.5524, 0.3205
Android (android.graphics.Color)	4288685871 (0xFFA0272F)
YUV	76.0910, -14.3419, 73.5882
Hunter-Lab	30.2157, 40.0825, 14.0434

# Details

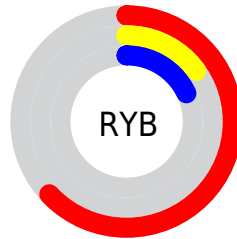
The Hex color **A0272F** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27A098**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **DD5E5D**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A01720**, and if you desaturate by 10%, it is **A0373E**.

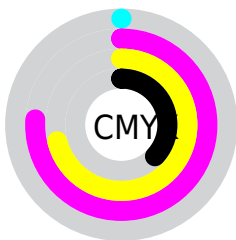
# Distribution



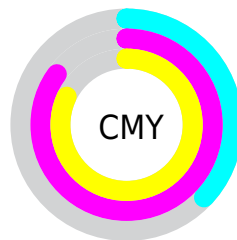
- Red (63%)
- Green (15%)
- Blue (18%)



- Red (63%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (76%)
- Yellow (71%)
- Black (37%)



- Cyan (37%)
- Magenta (85%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0272F 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 A0272F by changing the saturation by 10% instead.





A0272F



A0272F

FFFFFF



82001A



DD5E5D



650000



FC7976



480000



FF958F



2D0001



FFB0AA



000000



FFCDC5



FFEAE1

FFFFFFE



A0272F



A0272F

 A01720

 A0373E

 A00711

 A0474D

 A0000B

 A0575C

 A0676B

 A0777A

 A08789

 A09798

 A0A7A7

 A0B7B5

# Harmonies

## Analogous

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



A01D5B



A0272F



8C3F00

# Triad

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



A0272F



006521



005CAF

# Complementary

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



A0272F



27A098

# 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.



0065A1



A0272F



006850

# Square

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



A0272F



405F00



00697E



484BA5

# Rectangle

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



A0272F



774C00



00697E



0060AD



# Sweetspot

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



A0272F



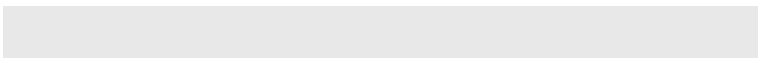
D1A1A4



9827A0



694B4D



E8E8E8



696969



# Same Dimension

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



A0272F



D1131F



A05B27



4F4748



8F0009



0F0001



# Inverse Universe

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



A0272F



D1131F



276CA0



4F4748



8F0009



0F0001



# Previews

## White Background



This preview shows how the Hex color A0272F looks on a white background.

## Color Contrast Check

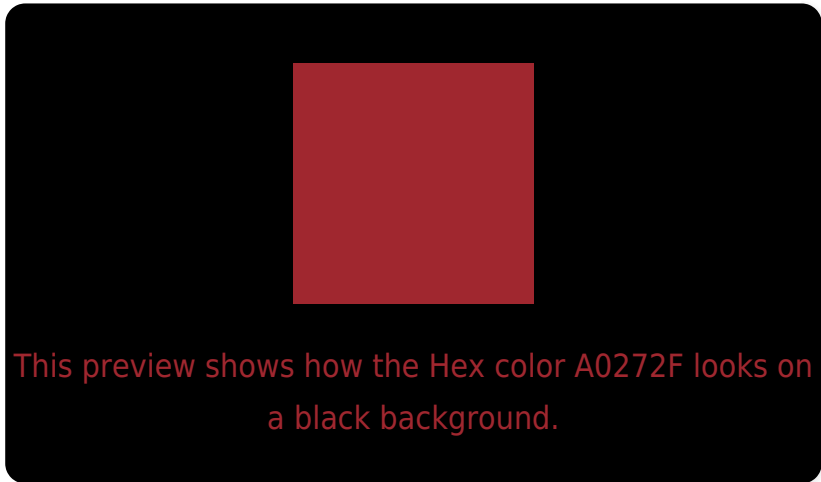
Large Text (above 18pt) WCAG AA ✓ Pass

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 A0272F Background



This preview shows how black text looks on a background with the Hex color A0272F.

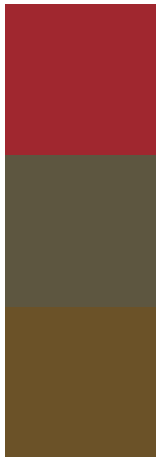


This preview shows how white text looks on a background with the Hex color A0272F.

# 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



**Original Color**  
A0272F

**Protanopia**  
5D5640

**Deuteranopia**  
6B5228



# Trichromacy



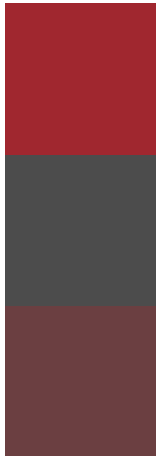
**Original Color**  
A0272F

**Protanomaly**  
75453A

**Deuteranomaly**  
7E422B

**Tritanomaly**  
A0282B

# Monochromacy



**Original Color**  
A0272F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
6B3F41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0272F 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 #A0272F looks like.

```
.text, #text, p{  
    color:#A0272F  
}
```

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 #A0272F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0272F
}
```

## Border

The CSS property to change the border of an element to Hex A0272F is called "border". The border property can be set on classes, ids or directly on the HTML element.

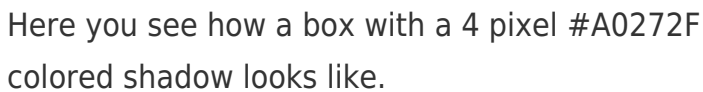
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0272F }
```

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

```
.border{ border-color:#A0272F }
```

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



Here you see how a box with a 4 pixel `#A0272F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0272F; -webkit-box-shadow:4px 4px  
4px 4px #A0272F; box-shadow:4px 4px 4px  
4px #A0272F }
```

# Background

The CSS property to change the background color of an element to Hex A0272F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0272F }
```

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

```
.background{ background-color:#A0272F }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor