

Converting Colors

Hex(A02272)

Have a look what the booklet for
Hex(A02272) contains.

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Color

Hex(A02272)

Conversions

Conversions Part 1

Format	Color
Hex	A02272
RGB	160, 34, 114
RGB Percent	63%, 13%, 45%
CMY	0.3725, 0.8667, 0.5529
CMYK	0.00, 0.79, 0.29, 0.37
HSL	322°, 65%, 38%
HSV	322°, 79%, 63%
XYZ	18.1065, 9.8325, 16.8631
YIQ	80.7940, 49.4160, 51.5920

Conversions

Conversions Part 2

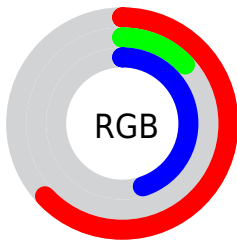
Format	Color
R_{YB}	160, 34, 114
Decimal	10494578
CIE _{Lab}	37.54, 56.92, -15.09
CIE _{LCh}	38, 58.888, 345.148
Yxy	9.8325, 0.4041, 0.2195
Android (android.graphics.Color)	4288684658 (0xFFA02272)
YUV	80.7940, 16.3706, 69.4637
Hunter-Lab	31.3569, 48.1972, -9.9352

Details

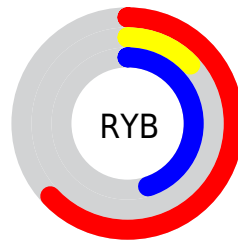
The Hex color **A02272** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **22A050**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **DA5DA6**, and **680042** is the 20% darker color. If you saturate the color by 10%, you get **A0126C**, and if you desaturate by 10%, it is **A03278**.

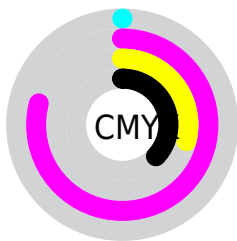
Distribution



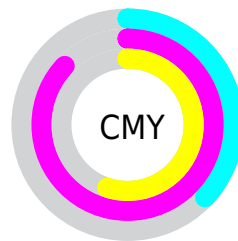
- Red (63%)
- Green (13%)
- Blue (45%)



- Red (63%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (79%)
- Yellow (29%)
- Black (37%)



- Cyan (37%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color A02272 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 A02272 by changing the saturation by 10% instead.

 A02272

 A02272

FFFFFF

 840059

 DA5DA6

 680042

 F878C1

 4D002C

 FF94DD

 340017

 FFB0FA

 080000

 FFCDFE

 000000

 FFEAFF

 A02272

 A02272

 A0126C

 A03278

■ A00266

■ A0427E

■ A00066

■ A05284

■ A06289

■ A0728F

■ A08295

■ A0929B

■ A0A2A1

■ A0B2A7

Harmonies

Analogous

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



773E9C



A02272



AA1C43

Triad

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



A02272



565E00



006B9B

Complementary

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



A02272



22A050

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.



006D70



A02272



136705

Square

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



A02272



7F4D00



006B3E



0065B5

Rectangle

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



A02272



A42C24



006B3E



006C8E

Sweetspot

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



A02272



D19FBF



4E22A0



694A5D



E8E8E8



696969

Same Dimension

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



A02272



D10A89



A02235



4F474C



8F005B



0F000A

Inverse Universe

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



A02272



D10A89



22A08D



4F474C



8F005B



0F000A

Previews

White Background



This preview shows how the Hex color A02272 looks on a white background.

Color Contrast Check

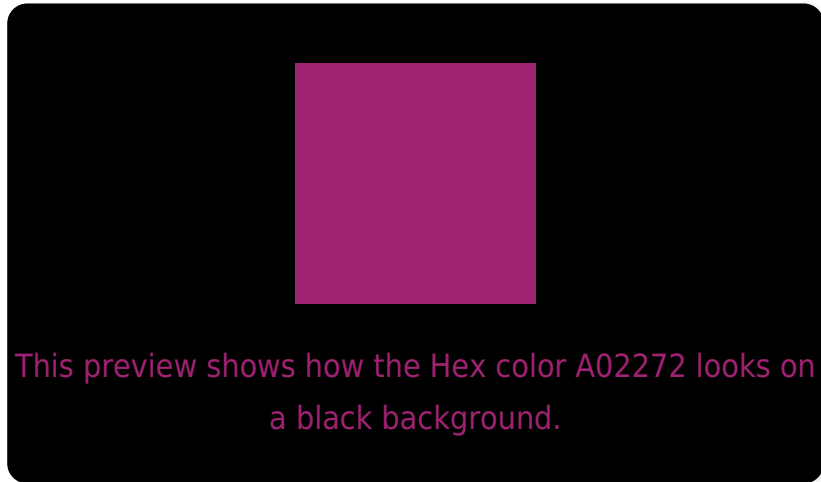
Large Text (above 18pt) WCAG AA ✓ Pass

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 A02272 Background



This preview shows how black text looks on a background with the Hex color A02272.

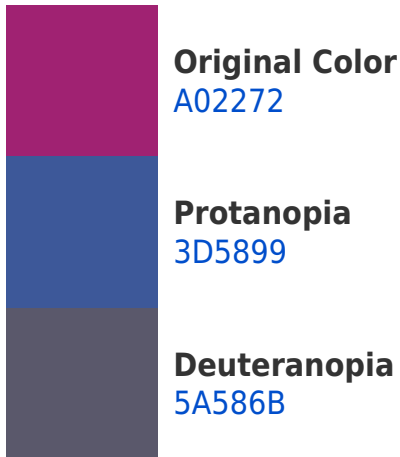



This preview shows how white text looks on a background with the Hex color A02272.

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
9C3538

Trichromacy



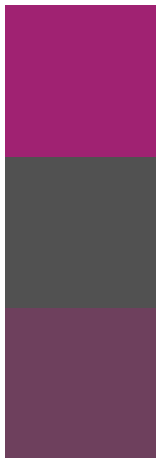
Original Color
A02272

Protanomaly
61448B

Deuteranomaly
73446E

Tritanomaly
9D2E4D

Monochromacy



Original Color
A02272

Achromatopsia
515151

Achromatomaly
6E405D

CSS Examples

Text

The CSS property to change the color of the text to Hex A02272 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 #A02272 looks like.

```
.text, #text, p{  
    color:#A02272  
}
```

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 #A02272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A02272
}
```

Border

The CSS property to change the border of an element to Hex A02272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

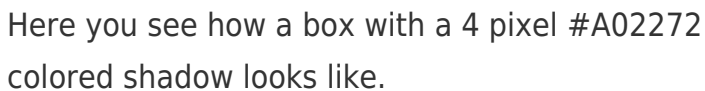
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A02272 }
```

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

```
.border{ border-color:#A02272 }
```

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



Here you see how a box with a 4 pixel `#A02272` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A02272; -webkit-box-shadow:4px 4px  
4px 4px #A02272; box-shadow:4px 4px 4px  
4px #A02272 }
```

Background

The CSS property to change the background color of an element to Hex A02272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A02272 }
```

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

```
.background{ background-color:#A02272 }
```

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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