

Converting Colors

Hex(9D2072)

Have a look what the booklet for
Hex(9D2072) contains.

Hex(9D2072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9D2072)

Conversions

Conversions Part 1

Format	Color
Hex	9D2072
RGB	157, 32, 114
RGB Percent	62%, 13%, 45%
CMY	0.3843, 0.8745, 0.5529
CMYK	0.00, 0.80, 0.27, 0.38
HSL	321°, 66%, 37%
HSV	321°, 80%, 62%
XYZ	17.4584, 9.4160, 16.8169
YIQ	78.7230, 48.1780, 52.0020

Conversions

Conversions Part 2

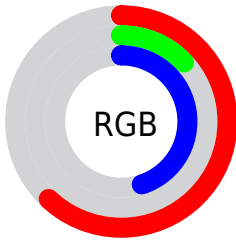
Format	Color
R_{YB}	157, 32, 114
Decimal	10297458
CIE _{Lab}	36.77, 56.75, -16.32
CIE _{LCh}	37, 59.051, 343.958
Yxy	9.4160, 0.3996, 0.2155
Android (android.graphics.Color)	4288487538 (0xFF9D2072)
YUV	78.7230, 17.3916, 68.6489
Hunter-Lab	30.6855, 47.8571, -11.0134

Details

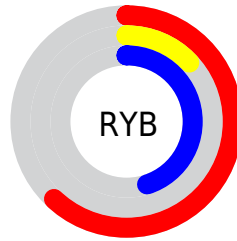
The Hex color **9D2072** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **209D4B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D75BA6**, and **650042** is the 20% darker color. If you saturate the color by 10%, you get **9D106D**, and if you desaturate by 10%, it is **9D3077**.

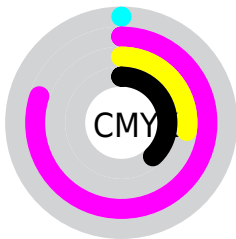
Distribution



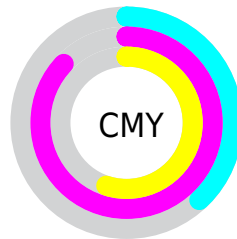
- Red (62%)
- Green (13%)
- Blue (45%)



- Red (62%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (80%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D2072 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 9D2072 by changing the saturation by 10% instead.

 9D2072

 9D2072

FFFFFF

 810059

 D75BA6

 650042

 F577C1

 4A002C

 FF92DD

 310017

 FFAFFA

 000000

 FFCBFF

 FFE8FF

 9D2072

 9D2072

 9D106D

 9D3077

9D0167

9D3F7D

9D0067

9D4F82

9D5F88

9D6F8D

9D7E92

9D8E98

9D9E9D

9DADA3

Harmonies

Analogous

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



733E9C



9D2072



A81843

Triad

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



9D2072



565B00



006A98

Complementary

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



9D2072



209D4B

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.



006B6C



9D2072



156500

Square

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



9D2072



7E4B00



00693A



0063B3

Rectangle

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



9D2072



A22924



00693A



006A8B

Sweetspot

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



9D2072



CC9BBB



4A209D



66485C



E6E6E6



666666

Same Dimension

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



9D2072



CC0889



9D2035



4F474C



8F005E



0F000A

Inverse Universe

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



9D2072



CC0889



209D88



4F474C



8F005E



0F000A

Previews

White Background



This preview shows how the Hex color 9D2072 looks on a white background.

Color Contrast Check

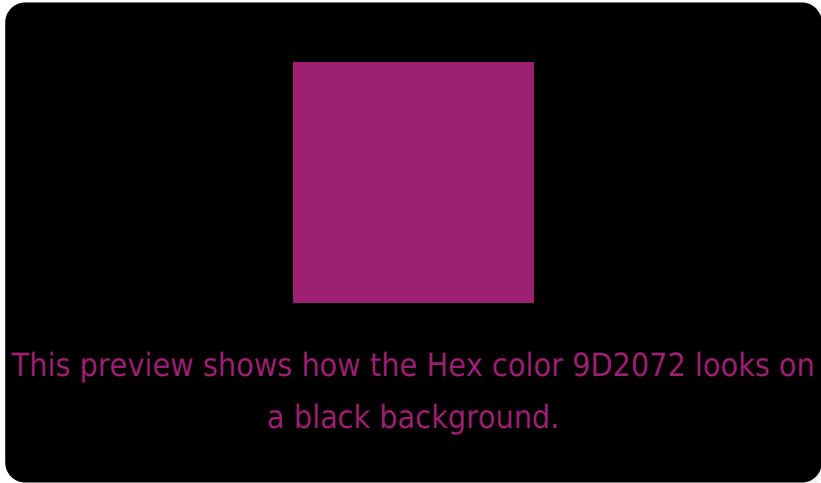
Large Text (above 18pt) WCAG AA ✓ Pass

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

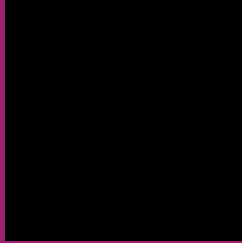
Any Text WCAG AA × Fail

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 9D2072 Background



This preview shows how black text looks on a background with the Hex color 9D2072.




This preview shows how white text looks on a background with the Hex color 9D2072.

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
983437

Trichromacy



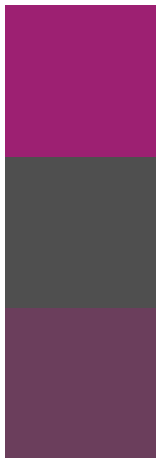
Original Color
9D2072

Protanomaly
5D428B

Deuteranomaly
70426E

Tritanomaly
9A2D4C

Monochromacy



Original Color
9D2072

Achromatopsia
4F4F4F

Achromatomaly
6B3E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D2072 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 #9D2072 looks like.

```
.text, #text, p{  
    color:#9D2072  
}
```

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 #9D2072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2072
}
```

Border

The CSS property to change the border of an element to Hex 9D2072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

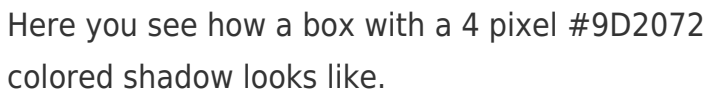
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2072 }
```

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

```
.border{ border-color:#9D2072 }
```

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



Here you see how a box with a 4 pixel #9D2072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2072; -webkit-box-shadow:4px 4px  
4px 4px #9D2072; box-shadow:4px 4px 4px  
4px #9D2072 }
```

Background

The CSS property to change the background color of an element to Hex 9D2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2072 }
```

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

```
.background{ background-color:#9D2072 }
```

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