

Converting Colors

Hex(A90049)

Have a look what the booklet for
Hex(A90049) contains.

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Color

Hex(A90049)

Conversions

Conversions Part 1

Format	Color
Hex	A90049
RGB	169, 0, 73
RGB Percent	66%, 0%, 29%
CMY	0.3373, 1.0000, 0.7137
CMYK	0.00, 1.00, 0.57, 0.34
HSL	334°, 100%, 33%
HSV	334°, 100%, 66%
XYZ	17.5648, 8.9161, 7.0985
YIQ	58.8530, 77.2910, 58.5310

Conversions

Conversions Part 2

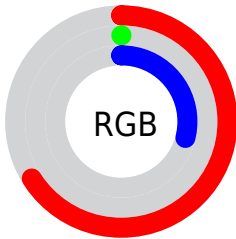
Format	Color
RYB	169, 0, 73
Decimal	11075657
CIELab	35.82, 61.43, 8.85
CIELCh	36, 62.062, 8.202
Yxy	8.9161, 0.5231, 0.2655
Android (android.graphics.Color)	4289265737 (0xFFA90049)
YUV	58.8530, 6.9745, 96.5989
Hunter-Lab	29.8598, 52.7467, 6.8069

Details

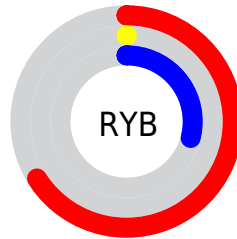
The Hex color **A90049** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A960**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **E64F79**, and **6E001E** is the 20% darker color. If you saturate the color by 10%, you get **A90049**, and if you desaturate by 10%, it is **A91153**.

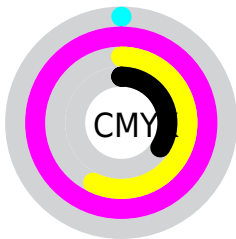
Distribution



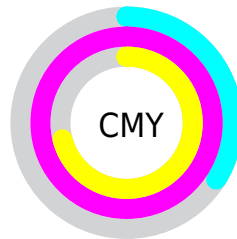
- Red (66%)
- Green (0%)
- Blue (29%)



- Red (66%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color A90049 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 A90049 by changing the saturation by 10% instead.

 A90049

 A90049

FFFFFF

 8B0033

 E64F79

 6E001E

 FF6B93

 510004

 FF88AD

 350002

 FFA4C9

 010000

 FFC1E5

 000000

 FFDEFF

 FFFCFF

 A90049

 A91153

 A9225C

 A93366

 A9446F

 A95479

 A96583

 A9768C

 A98796

 A9989F

Harmonies

Analogous

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



981C7A



A90049



A02618

Triad

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



A90049



206200



0063B1

Complementary

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



A90049



00A960

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.



006891



A90049



00672C

Square

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



A90049



5C5700



006961



0057B8

Rectangle

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



A90049



8F3B00



006961



0066A9

Sweetspot

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



A90049



DB9AB6



6000A9



6E4657



EDEDED



6E6E6E

Same Dimension

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



A90049



DB005F



A90B00



544C4F



940040



140009

Inverse Universe

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



A90049



DB005F



009EA9



544C4F



940040



140009

Previews

White Background



This preview shows how the Hex color A90049 looks on a white background.

Color Contrast Check

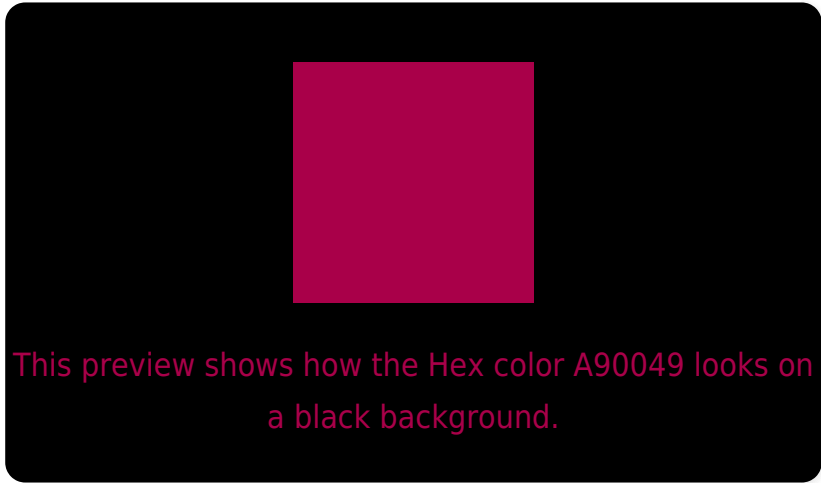
Large Text (above 18pt) WCAG AA ✓ Pass

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 A90049 Background



This preview shows how black text looks on a background with the Hex color A90049.



This preview shows how white text looks on a background with the Hex color A90049.

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
A90049

Protanopia
53566A

Deuteranopia
675442

Trichromacy



Original Color
A90049

Protanomaly
72375E

Deuteranomaly
7F3545

Tritanomaly
A8122C

Monochromacy



Original Color
A90049

Achromatopsia
3B3B3B

Achromatomaly
632640

CSS Examples

Text

The CSS property to change the color of the text to Hex A90049 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 #A90049 looks like.

```
.text, #text, p{  
    color:#A90049  
}
```

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 #A90049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A90049
}
```

Border

The CSS property to change the border of an element to Hex A90049 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".

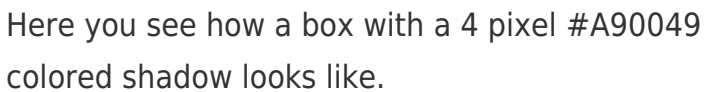
```
.border, #border, table{ border:4px solid
#A90049 }
```

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

```
.border{ border-color:#A90049 }
```

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

Here you see how a box with a 4 pixel #A90049 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A90049; -webkit-box-shadow:4px 4px  
4px 4px #A90049; box-shadow:4px 4px 4px  
4px #A90049 }
```

Background

The CSS property to change the background color of an element to Hex A90049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A90049 }
```

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

```
.background{ background-color:#A90049 }
```

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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