

Converting Colors

Hex(0909A9)

Have a look what the booklet for
Hex(0909A9) contains.

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Color

Hex(0909A9)

Conversions

Conversions Part 1

Format	Color
Hex	0909A9
RGB	9, 9, 169
RGB Percent	4%, 4%, 66%
CMY	0.9647, 0.9647, 0.3373
CMYK	0.95, 0.95, 0.00, 0.34
HSL	240°, 90%, 35%
HSV	240°, 95%, 66%
XYZ	7.3718, 3.1180, 37.7494
YIQ	27.2400, -51.3600, 49.7600

Conversions

Conversions Part 2

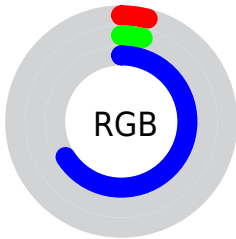
Format	Color
RYB	9, 9, 169
Decimal	592297
CIELab	20.51, 55.86, -77.55
CIELCh	21, 95.574, 305.763
Yxy	3.1180, 0.1528, 0.0646
Android (android.graphics.Color)	4278782377 (0xFF0909A9)
YUV	27.2400, 69.8877, -15.9965
Hunter-Lab	17.6579, 43.6182, -114.3906

Details

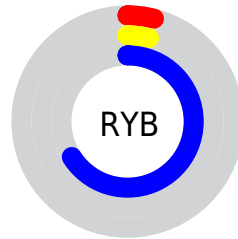
The Hex color **0909A9** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A9A909**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **613FE2**, and **000073** is the 20% darker color. If you saturate the color by 10%, you get **0000A9**, and if you desaturate by 10%, it is **1A1AA9**.

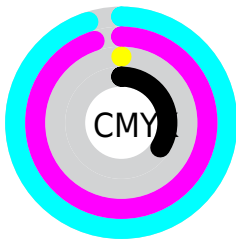
Distribution



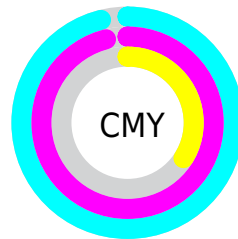
- Red (4%)
- Green (4%)
- Blue (66%)



- Red (4%)
- Yellow (4%)
- Blue (66%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (34%)



- Cyan (96%)
- Magenta (96%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0909A9 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 0909A9 by changing the saturation by 10% instead.

 0909A9


 0909A9

 FFFDFF

 00008E

 613FE2

 000073

 8158FF

 000159

 9F72FF

 000741

 BE8CFF

 00032A

 DCA7FF

 000114

 FBC3FF

 000000

 FFE0FF

 0909A9

 0909A9

0000A9

1A1AA9

2B2BA9

3C3CA9

4D4DA9

5E5EA9

6E6EA9

7F7FA9

9090A9

A1A1A9

Harmonies

Analogous

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



003DC6



0909A9



86006D

Triad

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



0909A9



680800



00463E

Complementary

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



0909A9



A9A909

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.



004400



0909A9



323400

Square

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



0909A9



8E0000



004000



004885

Rectangle

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



0909A9



9B003F



004000



004525

Sweetspot

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



0909A9



9E9EDB



09A9A9



48486E



EDEDED



6E6E6E

Same Dimension

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



0909A9



0000DB



5909A9



4C4C54



000094



000014

Inverse Universe

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



A909A9



DB00DB



59A909



544C54



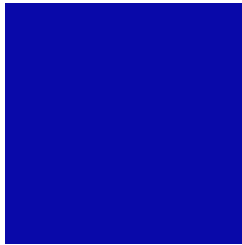
940094



140014

Previews

White Background



This preview shows how the Hex color 0909A9 looks on a white background.

Color Contrast Check

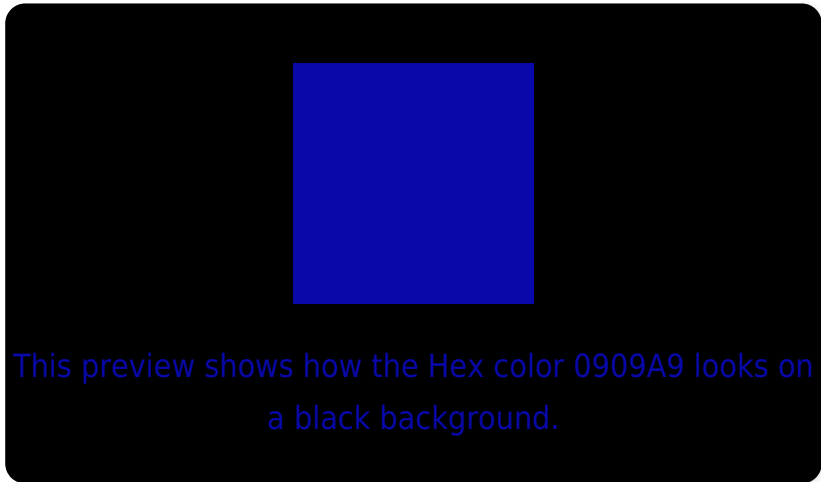
Large Text (above 18pt) WCAG AA ✓ Pass

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

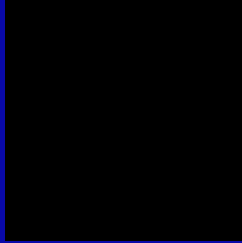
Any Text WCAG AA × Fail

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 0909A9 Background



This preview shows how black text looks on a background with the Hex color 0909A9.



This preview shows how white text looks on a background with the Hex color 0909A9.

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
0909A9

Protanopia
003268

Deuteranopia
003558

Trichromacy



Original Color
0909A9

Protanomaly
032380

Deuteranomaly
032575

Monochromacy



Original Color
0909A9

Achromatopsia
1B1B1B

Achromatomaly
14144F

CSS Examples

Text

The CSS property to change the color of the text to Hex 0909A9 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 #0909A9 looks like.

```
.text, #text, p{  
    color:#0909A9  
}
```

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 #0909A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0909A9
}
```

Border

The CSS property to change the border of an element to Hex 0909A9 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".

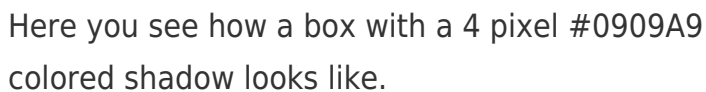
```
.border, #border, table{ border:4px solid
#0909A9 }
```

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

```
.border{ border-color:#0909A9 }
```

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

Here you see how a box with a 4 pixel #0909A9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0909A9; -webkit-box-shadow:4px 4px  
4px 4px #0909A9; box-shadow:4px 4px 4px  
4px #0909A9 }
```

Background

The CSS property to change the background color of an element to Hex 0909A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0909A9 }
```

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

```
.background{ background-color:#0909A9 }
```

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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