

Converting Colors

Hex(90209A)

Have a look what the booklet for
Hex(90209A) contains.

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Color

Hex(90209A)

Conversions

Conversions Part 1

Format	Color
Hex	90209A
RGB	144, 32, 154
RGB Percent	56%, 13%, 60%
CMY	0.4353, 0.8745, 0.3961
CMYK	0.06, 0.79, 0.00, 0.40
HSL	295°, 66%, 36%
HSV	295°, 79%, 60%
XYZ	17.8508, 9.2954, 31.4252
YIQ	79.3960, 27.5900, 61.6860

Conversions

Conversions Part 2

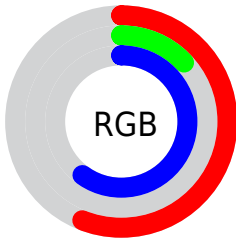
Format	Color
R_{YB}	144, 32, 154
Decimal	9445530
CIE _{Lab}	36.55, 59.84, -41.57
CIE _{LCh}	37, 72.865, 325.212
Yxy	9.2954, 0.3048, 0.1587
Android (android.graphics.Color)	4287635610 (0xFF90209A)
YUV	79.3960, 36.7798, 56.6577
Hunter-Lab	30.4884, 51.1565, -39.7700

Details

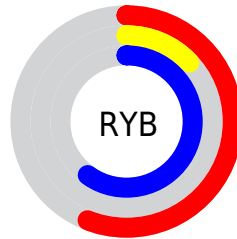
The Hex color **90209A** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2A9A20**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **C95BD1**, and **590066** is the 20% darker color. If you saturate the color by 10%, you get **8F119A**, and if you desaturate by 10%, it is **912F9A**.

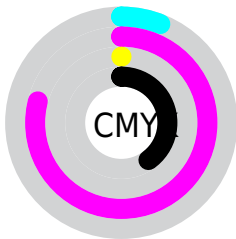
Distribution



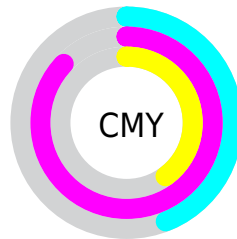
- Red (56%)
- Green (13%)
- Blue (60%)



- Red (56%)
- Yellow (13%)
- Blue (60%)



- Cyan (6%)
- Magenta (79%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (87%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90209A 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 90209A by changing the saturation by 10% instead.

90209A

90209A

FFFFFF

740080

C95BD1

590066

E676EE

3E004D

FF92FF

260036

FFAEFF

00001F

FFCBFF

000003

FFE8FF

000000

90209A

90209A

8F119A

912F9A

 8D019A

 933F9A

 8D009A

 944E9A

 955E9A

 966D9A

 987C9A

 998C9A

 9A9B9A

 9BAB9A

Harmonies

Analogous

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



244BC2



90209A



B40062

Triad

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



90209A



725100



006D87

Complementary

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



90209A



2A9A20

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.



006C4B



90209A



396100

Square

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



90209A



9C3300



006900



006BB7

Rectangle

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



90209A



B8003C



006900



006D73

Sweetspot

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



90209A



C599C9



202A9A



644866



E6E6E6



666666

Same Dimension

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



90209A



BA0AC9



9A2067



4C454D



81008C



0C000D

Inverse Universe

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



9A202A



C90A1A



209A53



4D4545



8C000B



0D0001

Previews

White Background



This preview shows how the Hex color 90209A looks on a white background.

Color Contrast Check

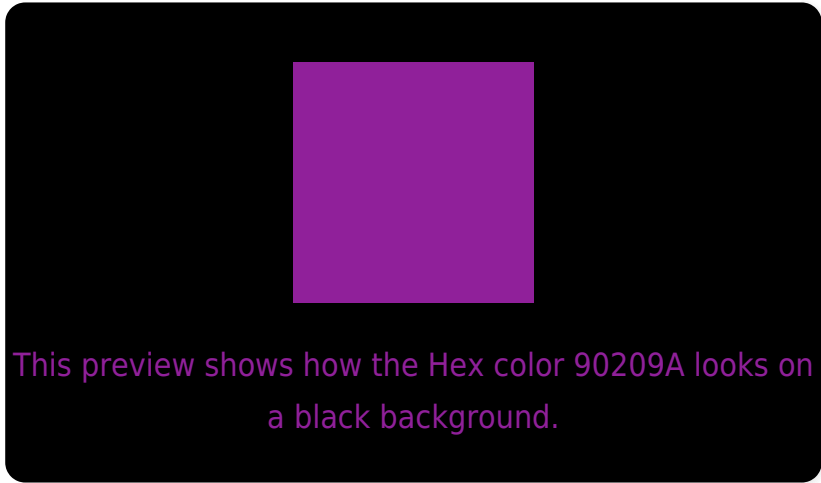
Large Text (above 18pt) WCAG AA ✓ Pass

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

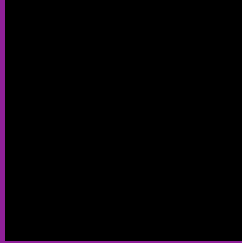
Any Text WCAG AA × Fail

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 90209A Background



This preview shows how black text looks on a background with the Hex color 90209A.

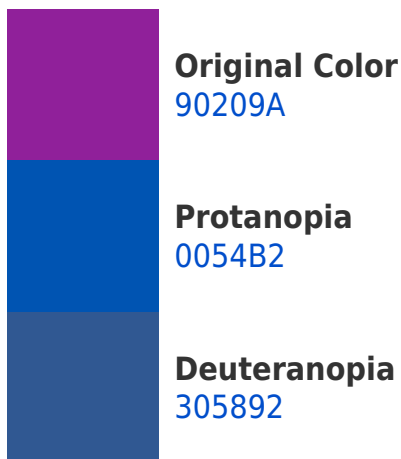


This preview shows how white text looks on a background with the Hex color 90209A.

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



Trichromacy



Original Color
90209A



Protanomaly
3441A9



Deuteranomaly
534495



Tritanomaly
8A3665

Monochromacy



Original Color
90209A



Achromatopsia
4F4F4F



Achromatomaly
673E6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 90209A 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 #90209A looks like.

```
.text, #text, p{  
    color:#90209A  
}
```

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 #90209A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90209A
}
```

Border

The CSS property to change the border of an element to Hex 90209A is called "border". The border property can be set on classes, ids or directly on the HTML element.

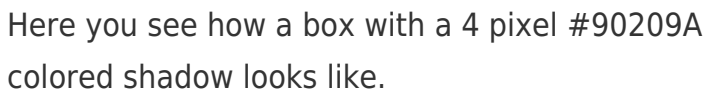
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90209A }
```

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

```
.border{ border-color:#90209A }
```

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



Here you see how a box with a 4 pixel #90209A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90209A; -webkit-box-shadow:4px 4px  
4px 4px #90209A; box-shadow:4px 4px 4px  
4px #90209A }
```

Background

The CSS property to change the background color of an element to Hex 90209A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90209A }
```

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

```
.background{ background-color:#90209A }
```

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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