

Converting Colors

Hex(904CCB)

Have a look what the booklet for
Hex(904CCB) contains.

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Color

Hex(904CCB)

Conversions

Conversions Part 1

Format	Color
Hex	904CCB
RGB	144, 76, 203
RGB Percent	56%, 30%, 80%
CMY	0.4353, 0.7020, 0.2039
CMYK	0.29, 0.63, 0.00, 0.20
HSL	272°, 55%, 55%
HSV	272°, 63%, 80%
XYZ	24.8655, 15.4100, 58.1638
YIQ	110.8100, -0.2390, 53.9130

Conversions

Conversions Part 2

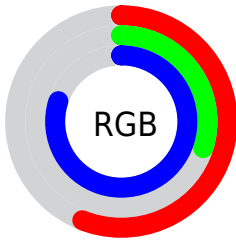
Format	Color
RYB	144, 76, 203
Decimal	9456843
CIELab	46.19, 51.72, -55.05
CIELCh	46, 75.537, 313.212
Yxy	15.4100, 0.2526, 0.1565
Android (android.graphics.Color)	4287646923 (0xFF904CCB)
YUV	110.8100, 45.4497, 29.1076
Hunter-Lab	39.2555, 44.3696, -60.3694

Details

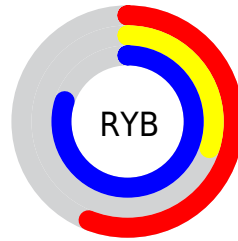
The Hex color **904CCB** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **87CB4C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **C980FF**, and **581694** is the 20% darker color. If you saturate the color by 10%, you get **8738CB**, and if you desaturate by 10%, it is **9960CB**.

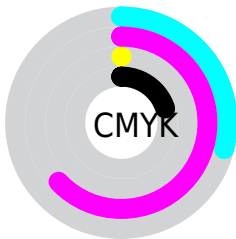
Distribution



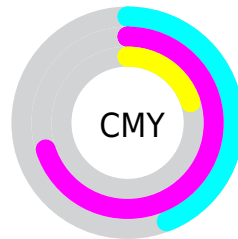
- Red (56%)
- Green (30%)
- Blue (80%)



- Red (56%)
- Yellow (30%)
- Blue (80%)



- Cyan (29%)
- Magenta (63%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (70%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 904CCB 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 904CCB by changing the saturation by 10% instead.

 904CCB

 904CCB

FFFFFF

 7432AF

 C980FF

 581694

 E69BFF

 3C007A

 FFB7FF

 1E0060

 FFD3FF

 000047

 FFF0FF

 000430

 00011A

 000000

 904CCB

 904CCB

 8738CB

 9960CB

 7D23CB

 A375CB

 740FCB

 AC89CB

 6D00CB

 B69DCB

 BFB2CB

 C9C6CB

 D2DACB

 DBEECB

 E5FFCB

Harmonies

Analogous

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



006CEB



904CCB



CA1B94

Triad

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



904CCB



A25D00



008889

Complementary

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



904CCB



87CB4C

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.



008646



904CCB



6C7300

Square

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



904CCB



C93915



0A8000



0087C4

Rectangle

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



904CCB



D8006A



0A8000



008773

Sweetspot

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



904CCB



E8CFFF



4C87CB



726280



000000



808080

Same Dimension

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



904CCB



A640FF



CB4CC7



615C66



5900A6



140026

Inverse Universe

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



CB4C87



FF4099



4CCB50



665C61



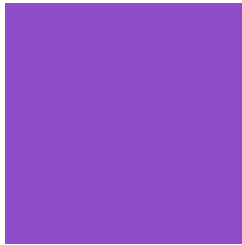
A6004D



260012

Previews

White Background



This preview shows how the Hex color 904CCB looks on a white background.

Color Contrast Check

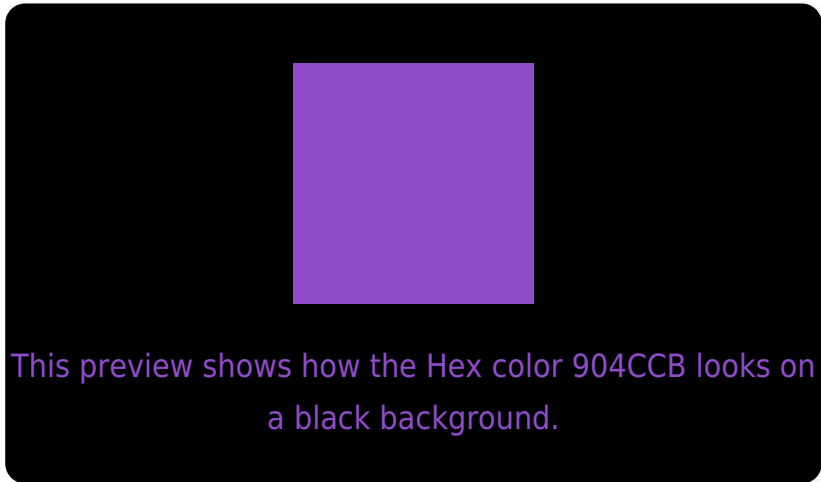
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

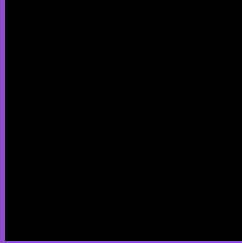
Any Text WCAG AA × Fail

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 904CCB Background



This preview shows how black text looks on a background with the Hex color 904CCB.

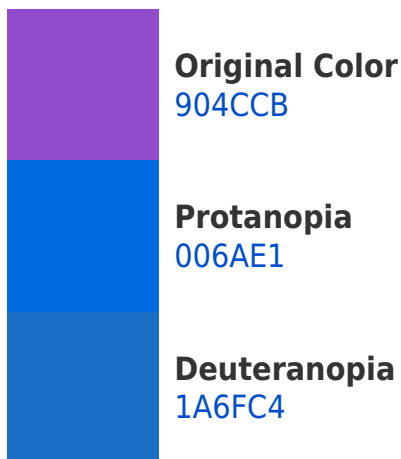



This preview shows how white text looks on a background with the Hex color 904CCB.

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](#).

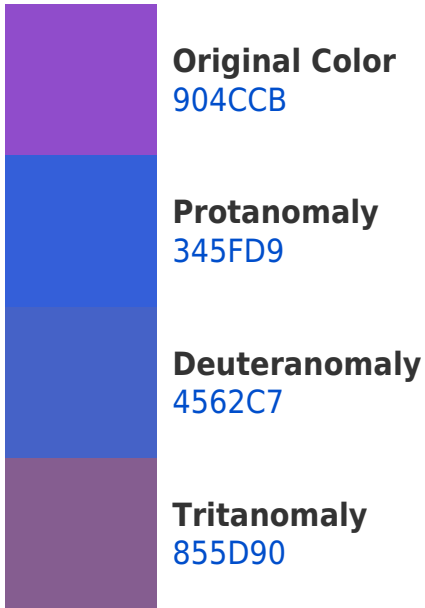
Dichromacy



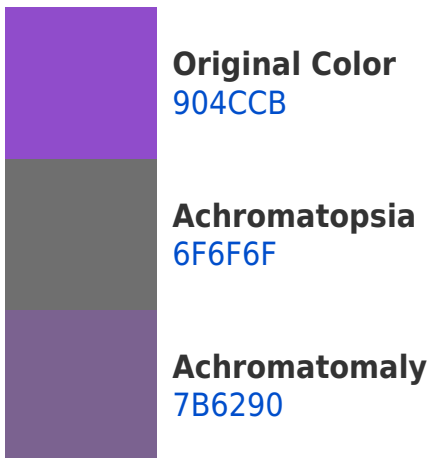


Tritanopia
7F676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 904CCB 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 #904CCB looks like.

```
.text, #text, p{  
    color:#904CCB  
}
```

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 #904CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #904CCB
}
```

Border

The CSS property to change the border of an element to Hex 904CCB is called "border". The border property can be set on classes, ids or directly on the HTML element.

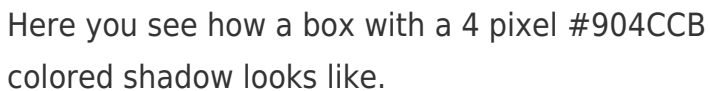
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#904CCB }
```

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

```
.border{ border-color:#904CCB }
```

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



Here you see how a box with a 4 pixel #904CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #904CCB; -webkit-box-shadow:4px 4px  
4px 4px #904CCB; box-shadow:4px 4px 4px  
4px #904CCB }
```

Background

The CSS property to change the background color of an element to Hex 904CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#904CCB }
```

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

```
.background{ background-color:#904CCB }
```

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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