

Converting Colors

Hex(905BBD)

Have a look what the booklet for
Hex(905BBD) contains.

Hex(905BBD)	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(905BBD)

Conversions

Conversions Part 1

Format	Color
Hex	905BBD
RGB	144, 91, 189
RGB Percent	56%, 36%, 74%
CMY	0.4353, 0.6431, 0.2588
CMYK	0.24, 0.52, 0.00, 0.26
HSL	272°, 43%, 55%
HSV	272°, 52%, 74%
XYZ	24.4280, 17.0856, 50.1545
YIQ	118.0190, 0.1300, 41.7140

Conversions

Conversions Part 2

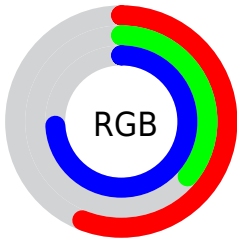
Format	Color
R_{YB}	144, 91, 189
Decimal	9460669
CIE _{Lab}	48.37, 40.45, -43.48
CIE _{LCh}	48, 59.386, 312.932
Yxy	17.0856, 0.2665, 0.1864
Android (android.graphics.Color)	4287650749 (0xFF905BBD)
YUV	118.0190, 34.9936, 22.7853
Hunter-Lab	41.3347, 33.1542, -43.0066

Details

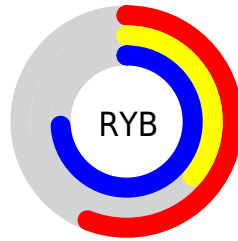
The Hex color **905BBD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **88BD5B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **C88FF6**, and **5A2A87** is the 20% darker color. If you saturate the color by 10%, you get **8748BD**, and if you desaturate by 10%, it is **996EBD**.

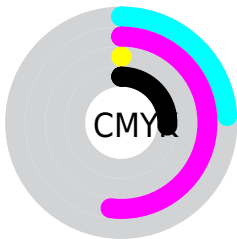
Distribution



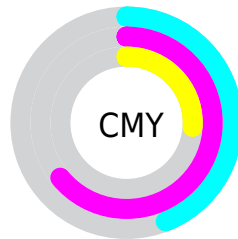
- Red (56%)
- Green (36%)
- Blue (74%)



- Red (56%)
- Yellow (36%)
- Blue (74%)



- Cyan (24%)
- Magenta (52%)
- Yellow (0%)
- Black (26%)



- Cyan (44%)
- Magenta (64%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 905BBD 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 905BBD by changing the saturation by 10% instead.

905BBD

905BBD

FFFFFF

7542A2

C88FF6

5A2A87

E5AAFF

40116D

FFC5FF

260054

FFE2FF

0F003D

000226

00010E

000000

905BBD

905BBD

8748BD

996EBD

7F35BD

A181BD

7622BD

AA94BD

6D0FBD

B3A7BD

6600BD

BBBABD

C4CCBD

CDDFBD

D5F2BD

DEFFBD

Harmonies

Analogous

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



2271D5



905BBD



BE4492

Triad

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



905BBD



A16600



008A88

Complementary

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



905BBD



88BD5B

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.



008853



905BBD



767700

Square

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



905BBD



C04F30



3C8221



0088B6

Rectangle

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



905BBD



CA3D70



3C8221



008A76

Sweetspot

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



905BBD



E3CEF5



5B89BD



70637A



FAFAFA



7A7A7A

Same Dimension

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



905BBD



AF5DF5



BD5BBA



5A555E



56009E



11001F

Inverse Universe

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



BD5B88



F55DA3



5BBD5E



5E5559



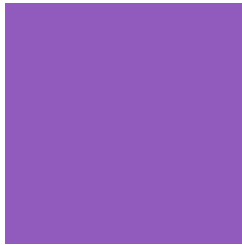
9E0049



1F000E

Previews

White Background



This preview shows how the Hex color 905BBD looks on a white background.

Color Contrast Check

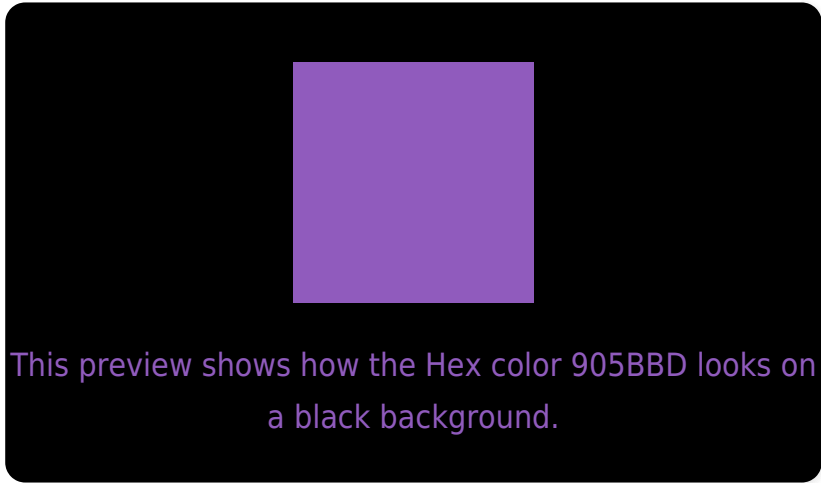
Large Text (above 18pt) WCAG AA ✓ Pass

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

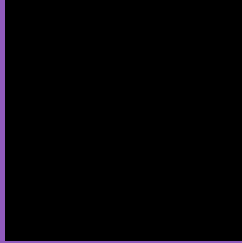
Any Text WCAG AA × Fail

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 905BBD Background



This preview shows how black text looks on a background with the Hex color 905BBD.

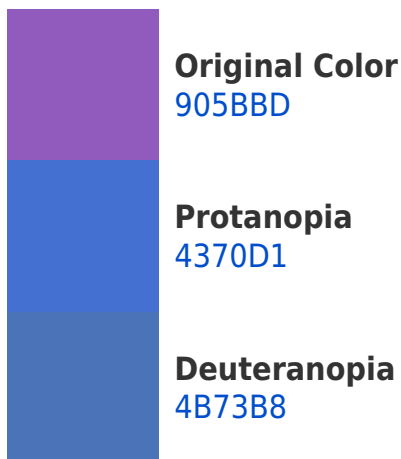


This preview shows how white text looks on a background with the Hex color 905BBD.

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
846D75

Trichromacy



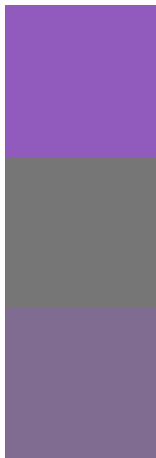
Original Color
905BBD

Protanomaly
5F68CA

Deuteranomaly
646ABA

Tritanomaly
88668F

Monochromacy



Original Color
905BBD

Achromatopsia
767676

Achromatomaly
7F6C90

CSS Examples

Text

The CSS property to change the color of the text to Hex 905BBD 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 #905BBD looks like.

```
.text, #text, p{  
    color:#905BBD  
}
```

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 #905BBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905BBD
}
```

Border

The CSS property to change the border of an element to Hex 905BBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

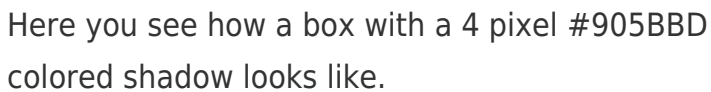
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#905BBD }
```

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

```
.border{ border-color:#905BBD }
```

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



Here you see how a box with a 4 pixel #905BBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905BBD; -webkit-box-shadow:4px 4px  
4px 4px #905BBD; box-shadow:4px 4px 4px  
4px #905BBD }
```

Background

The CSS property to change the background color of an element to Hex 905BBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905BBD }
```

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

```
.background{ background-color:#905BBD }
```

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