

# Converting Colors

Hex(909CB5)

Have a look what the booklet for  
Hex(909CB5) contains.

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# **Color**

**Hex(909CB5)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 909CB5                     |
| RGB         | 144, 156, 181              |
| RGB Percent | 56%, 61%, 71%              |
| CMY         | 0.4353, 0.3882, 0.2902     |
| CMYK        | 0.20, 0.14, 0.00, 0.29     |
| HSL         | 221°, 20%, 64%             |
| HSV         | 221°, 20%, 71%             |
| XYZ         | 31.7306, 33.0424, 48.4215  |
| YIQ         | 155.2620, -15.1770, 5.2310 |

# Conversions

## Conversions Part 2

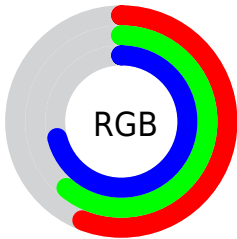
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 144, 153, 181                 |
| Decimal                             | 9477301                       |
| CIELab                              | 64.20, 1.19, -14.39           |
| CIELCh                              | 64, 14.440, 274.716           |
| Yxy                                 | 33.0424, 0.2803,<br>0.2919    |
| Android<br>(android.graphics.Color) | 4287667381<br>(0xFF909CB5)    |
| YUV                                 | 155.2620, 12.6888,<br>-9.8768 |
| Hunter-Lab                          | 57.4825, -2.0618,<br>-9.7063  |

# Details

The Hex color **909CB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B5A990**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C6D2ED**, and **5D6980** is the 20% darker color. If you saturate the color by 10%, you get **7E90B5**, and if you desaturate by 10%, it is **A2A8B5**.

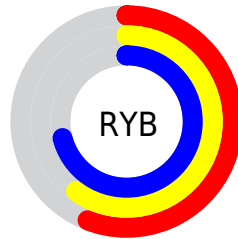
# Distribution



Red (56%)

Green (61%)

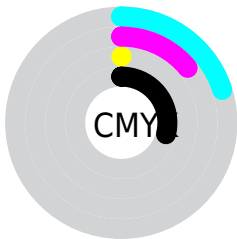
Blue (71%)



Red (56%)

Yellow (60%)

Blue (71%)

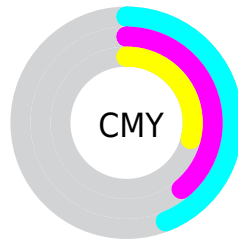


Cyan (20%)

Magenta (14%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (39%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 909CB5 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 909CB5 by changing the saturation by 10% instead.





909CB5



909CB5

FFFFFF



76829A



C6D2ED



5D6980



E2EFFF



455167



2E3A4F



172438



000F23



00000B



000000



909CB5



909CB5

■ 7E90B5

■ A2A8B5

■ 6C84B5

■ B4B4B5

■ 5A77B5

■ C6C1B5

■ 486BB5

■ D8CDB5

■ 355FB5

■ EBD9B5

■ 2353B5

■ FDE5B5

■ 1146B5

■ FFF2B5

■ 003BB5

■ FFFEB5

■ FFFFB5

# Harmonies

## Analogous

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



81A0B2



909CB5



A198B1

# Triad

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



909CB5



B6948D



87A290

# Complementary

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



909CB5



B5A990

# 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.



959F86



909CB5



B09785

# Square

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



909CB5



B6939A



A49B82



7DA39D

# Rectangle

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



909CB5



AA95AB



A49B82



8CA18C



# Sweetspot

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



909CB5



DDE1EB



90B5A9



6D7075



F5F5F5



757575



# Same Dimension

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



909CB5



B0C3EB



9690B5



505359



003299



00081A



# Inverse Universe

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



B5909C



EBB0C3



AFB590



595053



990032

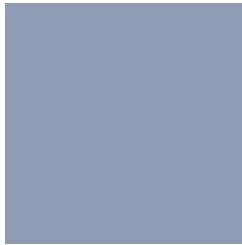


1A0008



# Previews

## White Background



This preview shows how the Hex color 909CB5 looks on a white background.

## Color Contrast Check

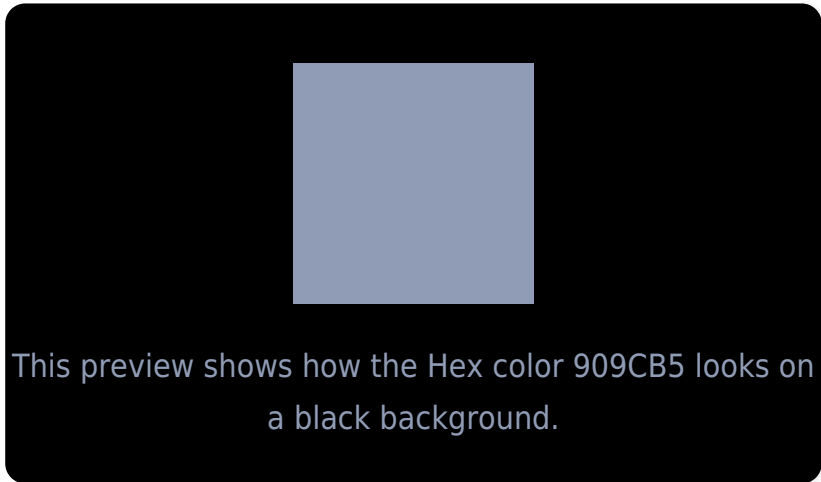
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

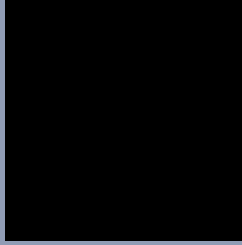
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

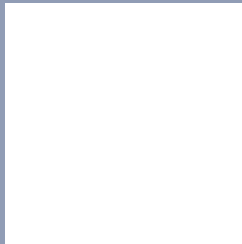
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 909CB5 Background



This preview shows how black text looks on a background with the Hex color 909CB5.



This preview shows how white text looks on a background with the Hex color 909CB5.

# 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**  
909CB5

**Protanopia**  
979AB4

**Deuteranopia**  
9E98B6



**Tritanopia**  
8E9EAA

# Trichromacy



**Original Color**  
909CB5

**Protanomaly**  
949BB4

**Deuteranomaly**  
9999B6

**Tritanomaly**  
8F9DAE

# Monochromacy



**Original Color**  
909CB5

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
979BA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 909CB5 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 #909CB5 looks like.

```
.text, #text, p{  
    color:#909CB5  
}
```

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 #909CB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #909CB5
}
```

## Border

The CSS property to change the border of an element to Hex 909CB5 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
#909CB5 }
```

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

```
.border{ border-color:#909CB5 }
```

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

Here you see how a box with a 4 pixel #909CB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #909CB5; -webkit-box-shadow:4px 4px  
4px 4px #909CB5; box-shadow:4px 4px 4px  
4px #909CB5 }
```

# Background

The CSS property to change the background color of an element to Hex 909CB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#909CB5 }
```

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

```
.background{ background-color:#909CB5 }
```

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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