

# Converting Colors

Hex(9190B1)

Have a look what the booklet for  
Hex(9190B1) contains.

<b>Hex(9190B1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9190B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9190B1
RGB	145, 144, 177
RGB Percent	57%, 56%, 69%
CMY	0.4314, 0.4353, 0.3059
CMYK	0.18, 0.19, 0.00, 0.31
HSL	242°, 17%, 63%
HSV	242°, 19%, 69%
XYZ	29.5861, 29.1406, 45.6603
YIQ	148.0610, -9.9970, 10.4750

# Conversions

## Conversions Part 2

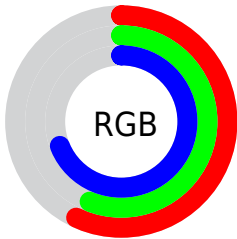
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 144, 177
Decimal	9539761
CIELab	60.91, 7.37, -17.10
CIELCh	61, 18.625, 293.311
Yxy	29.1406, 0.2834, 0.2792
Android (android.graphics.Color)	4287729841 (0xFF9190B1)
YUV	148.0610, 14.2669, -2.6845
Hunter-Lab	53.9820, 3.3626, -12.3626

# Details

The Hex color **9190B1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B0B190**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C7C6E9**, and **5E5E7C** is the 20% darker color. If you saturate the color by 10%, you get **807EB1**, and if you desaturate by 10%, it is **A2A2B1**.

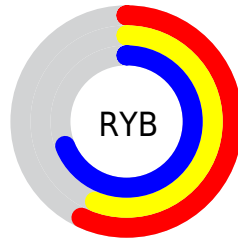
# Distribution



Red (57%)

Green (56%)

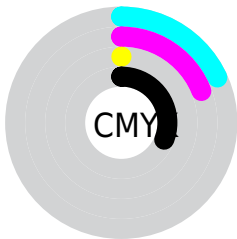
Blue (69%)



Red (57%)

Yellow (56%)

Blue (69%)

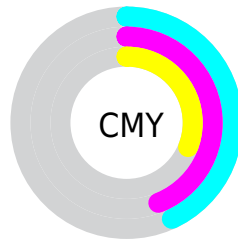


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (43%)

Magenta (44%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9190B1 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 9190B1 by changing the saturation by 10% instead.



■ 9190B1

■ 9190B1

FFFFFF

■ 777696

■ C7C6E9

■ 5E5E7C

■ E3E2FF

■ 464663

FFFEFF

■ 2F304B

■ 191B35

■ 020020

■ 000003

■ 000000

■ 9190B1

■ 9190B1

807EB1

A2A2B1

6F6DB1

B3B3B1

5E5BB1

C4C5B1

4C49B1

D6D7B1

3B38B1

E7E9B1

2A26B1

F8FAB1

1914B1

FFFFB1

0802B1

0500B1

# Harmonies

## Analogous

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



7B96B3



9190B1



A58BA7

# Triad

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



9190B1



B08B79



6E9C8F

# Complementary

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



9190B1



B0B190

# 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.



7F9A7F



9190B1



A39173

# Square

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



9190B1



B58887



929675



669C9F

# Rectangle

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



9190B1



AE889D



929675



739C89



# Sweetspot

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



9190B1



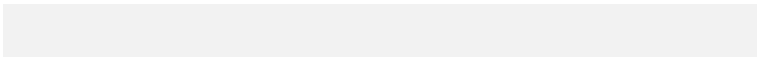
D8D8E6



90B0B1



6B6B73



F2F2F2



737373



# Same Dimension

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



9190B1



B5B3E6



A190B1



515059



050099



01001A



# Inverse Universe

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



B190B0



E6B3E4



A0B190



595059



990094

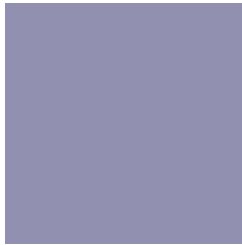


1A0019



# Previews

## White Background



This preview shows how the Hex color 9190B1 looks on a white background.

## Color Contrast Check

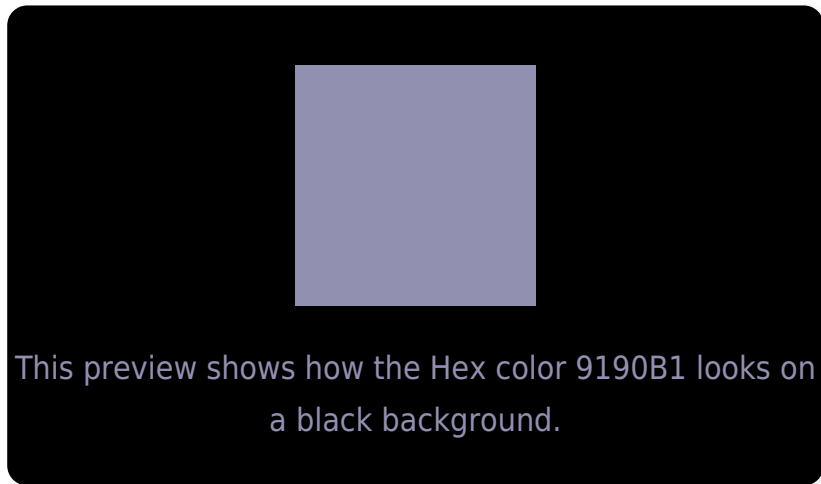
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

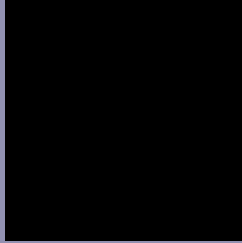
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9190B1 Background



This preview shows how black text looks on a background with the Hex color 9190B1.



This preview shows how white text looks on a background with the Hex color 9190B1.

# 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**  
9190B1

**Protanopia**  
8C92B2

**Deuteranopia**  
9290B1



**Tritanopia**  
8E939F

# Trichromacy



**Original Color**  
9190B1

**Protanomaly**  
8E91B2

**Deuteranomaly**  
9290B1

**Tritanomaly**  
8F92A6

# Monochromacy



**Original Color**  
9190B1

**Achromatopsia**  
949494

**Achromatomaly**  
93939F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9190B1 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 #9190B1 looks like.

```
.text, #text, p{  
    color:#9190B1  
}
```

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 #9190B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9190B1
}
```

## Border

The CSS property to change the border of an element to Hex 9190B1 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
#9190B1 }
```

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

```
.border{ border-color:#9190B1 }
```

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

Here you see how a box with a 4 pixel #9190B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9190B1; -webkit-box-shadow:4px 4px  
4px 4px #9190B1; box-shadow:4px 4px 4px  
4px #9190B1 }
```

# Background

The CSS property to change the background color of an element to Hex 9190B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9190B1 }
```

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

```
.background{ background-color:#9190B1 }
```

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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