

Converting Colors

Hex(9191AB)

Have a look what the booklet for
Hex(9191AB) contains.

Hex(9191AB)	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(9191AB)

Conversions

Conversions Part 1

Format	Color
Hex	9191AB
RGB	145, 145, 171
RGB Percent	57%, 57%, 67%
CMY	0.4314, 0.4314, 0.3294
CMYK	0.15, 0.15, 0.00, 0.33
HSL	240°, 13%, 62%
HSV	240°, 15%, 67%
XYZ	29.1531, 29.2108, 42.6298
YIQ	147.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

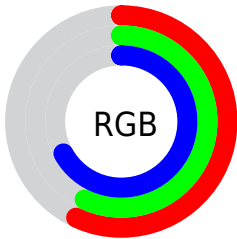
Format	Color
RYB	145, 145, 171
Decimal	9540011
CIELab	60.97, 5.44, -13.61
CIELCh	61, 14.658, 291.798
Yxy	29.2108, 0.2887, 0.2892
Android (android.graphics.Color)	4287730091 (0xFF9191AB)
YUV	147.9640, 11.3567, -2.5994
Hunter-Lab	54.0470, 1.7012, -8.9323

Details

The Hex color **9191AB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **ABAB91**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C7C7E2**, and **5E5F77** is the 20% darker color. If you saturate the color by 10%, you get **8080AB**, and if you desaturate by 10%, it is **A2A2AB**.

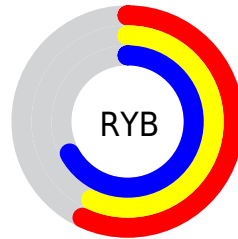
Distribution



Red (57%)

Green (57%)

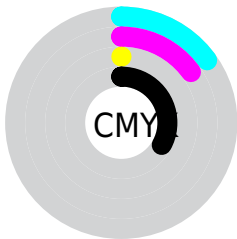
Blue (67%)



Red (57%)

Yellow (57%)

Blue (67%)

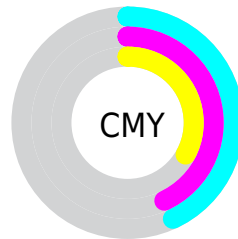


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9191AB 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 9191AB by changing the saturation by 10% instead.

■ 9191AB

■ 9191AB

FFFFFF

■ 777790

■ C7C7E2

■ 5E5F77

■ E3E3FF

■ 46475E

■ 303146

■ 1A1C30

■ 02011B

■ 000000

■ 9191AB

■ 9191AB

■ 8080AB

■ A2A2AB

6F6FAB

B3B3AB

5E5EAB

C4C4AB

4D4DAB

D5D5AB

3C3CAB

E6E6AB

2A2AAB

F8F8AB

1919AB

FFFFAB

0808AB

0000AB

Harmonies

Analogous

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



8095AC



9191AB



A18DA3

Triad

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



9191AB



AB8D7F



789A8F

Complementary

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



9191AB



ABAB91

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.



849983



9191AB



A1917A

Square

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



9191AB



AF8A8A



93957B



719B9C

Rectangle

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



9191AB



A88B9B



93957B



7B9A8B

Sweetspot

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



9191AB



D3D3DE



91ABAB



696970



F0F0F0



707070

Same Dimension

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



9191AB



B6B6DE



9E91AB



4E4E57



000096



000017

Inverse Universe

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



AB91AB



DEB6DE



9EAB91



574E57



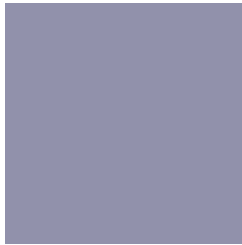
960096



170017

Previews

White Background



This preview shows how the Hex color 9191AB looks on a white background.

Color Contrast Check

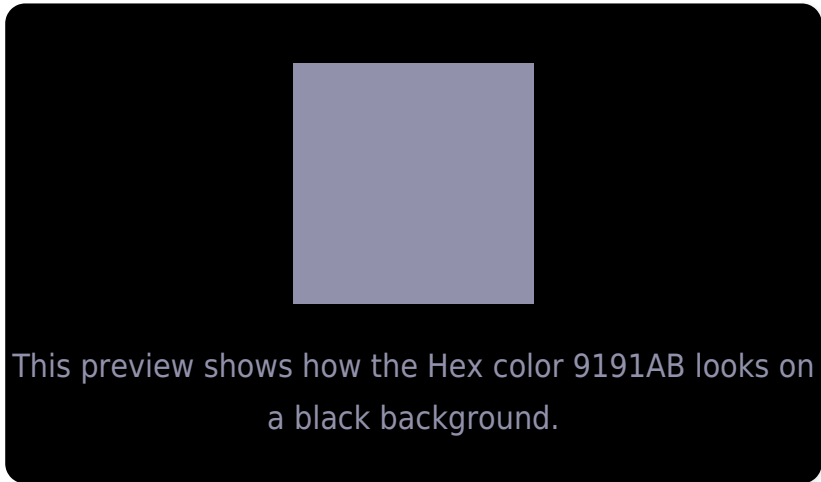
Large Text (above 18pt) WCAG AA ✓ Pass

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

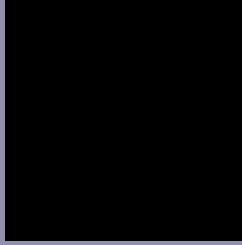
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

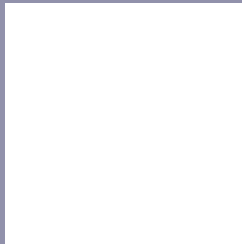
Any Text WCAG AAA × Fail

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

Hex 9191AB Background



This preview shows how black text looks on a background with the Hex color 9191AB.



This preview shows how white text looks on a background with the Hex color 9191AB.

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](#).

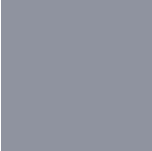
Dichromacy



Original Color
9191AB

Protanopia
8E92AC

Deuteranopia
968FAB



Tritanopia
8F939F

Trichromacy



Original Color
9191AB

Protanomaly
8F92AC

Deuteranomaly
9490AB

Tritanomaly
9092A3

Monochromacy



Original Color
9191AB

Achromatopsia
949494

Achromatomaly
93939C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9191AB 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 #9191AB looks like.

```
.text, #text, p{  
    color:#9191AB  
}
```

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 #9191AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9191AB
}
```

Border

The CSS property to change the border of an element to Hex 9191AB 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
#9191AB }
```

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

```
.border{ border-color:#9191AB }
```

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

Here you see how a box with a 4 pixel #9191AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9191AB; -webkit-box-shadow:4px 4px  
4px 4px #9191AB; box-shadow:4px 4px 4px  
4px #9191AB }
```

Background

The CSS property to change the background color of an element to Hex 9191AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9191AB }
```

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

```
.background{ background-color:#9191AB }
```

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