

Converting Colors

Hex(9090B4)

Have a look what the booklet for
Hex(9090B4) contains.

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Color

Hex(9090B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9090B4 |
| RGB | 144, 144, 180 |
| RGB Percent | 56%, 56%, 71% |
| CMY | 0.4353, 0.4353, 0.2941 |
| CMYK | 0.20, 0.20, 0.00, 0.29 |
| HSL | 240°, 19%, 64% |
| HSV | 240°, 20%, 71% |
| XYZ | 29.7131, 29.1711, 47.2446 |
| YIQ | 148.1040, -11.5560, 11.1960 |

Conversions

Conversions Part 2

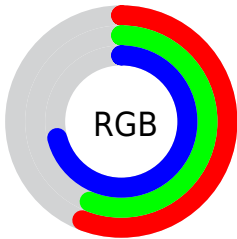
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 144, 180 |
| Decimal | 9474228 |
| CIELab | 60.93, 7.74, -18.77 |
| CIELCh | 61, 20.303, 292.406 |
| Yxy | 29.1711, 0.2800, 0.2749 |
| Android (android.graphics.Color) | 4287664308 (0xFF9090B4) |
| YUV | 148.1040, 15.7247, -3.5992 |
| Hunter-Lab | 54.0103, 3.6816, -14.0557 |

Details

The Hex color **9090B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4B490**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C6C6EC**, and **5D5E7F** is the 20% darker color. If you saturate the color by 10%, you get **7E7EB4**, and if you desaturate by 10%, it is **A2A2B4**.

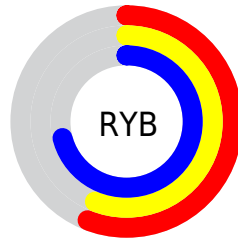
Distribution



Red (56%)

Green (56%)

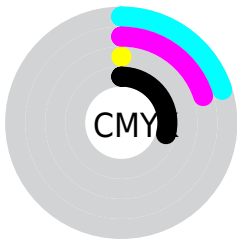
Blue (71%)



Red (56%)

Yellow (56%)

Blue (71%)

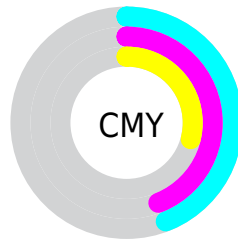


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (44%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9090B4 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 9090B4 by changing the saturation by 10% instead.



9090B4



9090B4

FFFFFF



767699



C6C6EC



5D5E7F



E2E2FF



454666

FFFEFF



2E304E



171B37



010022



000008



000000



9090B4



9090B4

 7E7EB4

 A2A2B4

 6C6CB4

 B4B4B4

 5A5AB4

 C6C6B4

 4848B4

 D8D8B4

 3636B4

 EAEAB4

 2424B4

 FCFCB4

 1212B4

 FFFFB4

 0000B4

Harmonies

Analogous

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



7896B6



9090B4



A68AA9

Triad

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



9090B4



B28B77



6B9D8E

Complementary

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



9090B4



B4B490

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.



7E9B7D



9090B4



A59070

Square

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



9090B4



B88786



929672



609DA0

Rectangle

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



9090B4



B0879E



929672



719C88

Sweetspot

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



9090B4



DDDDEB



90B4B4



6D6D75



F5F5F5



757575

Same Dimension

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



9090B4



B2B2EB



A290B4



505059



000099



00001A

Inverse Universe

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



B490B4



EBB2EB



A2B490



595059



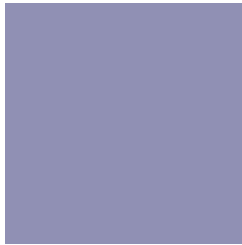
990099



1A001A

Previews

White Background



This preview shows how the Hex color 9090B4 looks on a white background.

Color Contrast Check

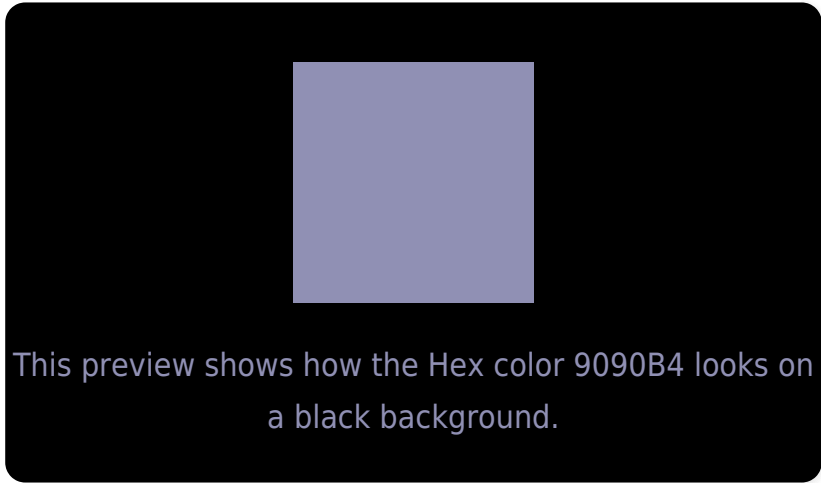
Large Text (above 18pt) WCAG AA ✓ Pass

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

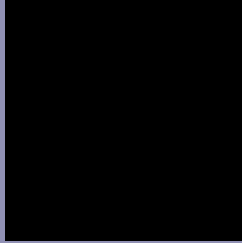
Any Text WCAG AA ✓ Pass

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 9090B4 Background



This preview shows how black text looks on a background with the Hex color 9090B4.



This preview shows how white text looks on a background with the Hex color 9090B4.

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](#).

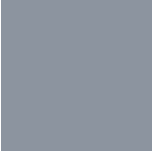
Dichromacy



Original Color
9090B4

Protanopia
8B91B5

Deuteranopia
9190B4



Tritanopia
8C949F

Trichromacy



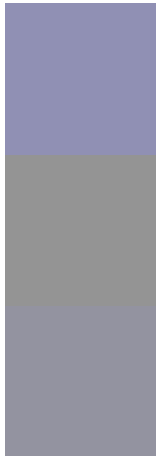
Original Color
9090B4

Protanomaly
8D91B5

Deuteranomaly
9190B4

Tritanomaly
8D93A7

Monochromacy



Original Color
9090B4

Achromatopsia
949494

Achromatomaly
9393A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9090B4 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 #9090B4 looks like.

```
.text, #text, p{  
    color:#9090B4  
}
```

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 #9090B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9090B4
}
```

Border

The CSS property to change the border of an element to Hex 9090B4 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
#9090B4 }
```

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

```
.border{ border-color:#9090B4 }
```

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

Here you see how a box with a 4 pixel #9090B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9090B4; -webkit-box-shadow:4px 4px  
4px 4px #9090B4; box-shadow:4px 4px 4px  
4px #9090B4 }
```

Background

The CSS property to change the background color of an element to Hex 9090B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9090B4 }
```

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

```
.background{ background-color:#9090B4 }
```

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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