

Converting Colors

Hex(9130C8)

Have a look what the booklet for
Hex(9130C8) contains.

Hex(9130C8)	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(9130C8)

Conversions

Conversions Part 1

Format	Color
Hex	9130C8
RGB	145, 48, 200
RGB Percent	57%, 19%, 78%
CMY	0.4314, 0.8118, 0.2157
CMYK	0.28, 0.76, 0.00, 0.22
HSL	278°, 61%, 49%
HSV	278°, 76%, 78%
XYZ	23.1593, 12.3038, 55.7978
YIQ	94.3310, 9.0200, 67.8360

Conversions

Conversions Part 2

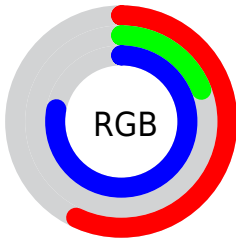
Format	Color
R_{YB}	145, 48, 200
Decimal	9515208
CIE _{Lab}	41.69, 63.61, -60.57
CIE _{LCh}	42, 87.838, 316.401
Yxy	12.3038, 0.2538, 0.1348
Android (android.graphics.Color)	4287705288 (0xFF9130C8)
YUV	94.3310, 52.0948, 44.4367
Hunter-Lab	35.0767, 56.4699, -69.7610

Details

The Hex color **9130C8** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **67C830**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **CB68FF**, and **580091** is the 20% darker color. If you saturate the color by 10%, you get **8A1CC8**, and if you desaturate by 10%, it is **9844C8**.

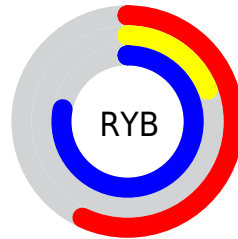
Distribution



Red (57%)

Green (19%)

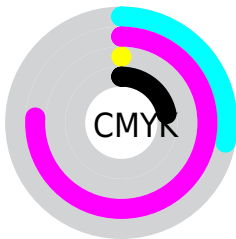
Blue (78%)



Red (57%)

Yellow (19%)

Blue (78%)

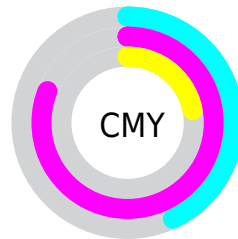


Cyan (28%)

Magenta (76%)

Yellow (0%)

Black (22%)



Cyan (43%)


Magenta (81%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9130C8 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 9130C8 by changing the saturation by 10% instead.

 9130C8

 9130C8

FFFFFF

 740AAC

 CB68FF

 580091

 E984FF

 3B0076

 FFA0FF

 1E005D

 FFBCFF

 000044

 FFD9FF


 00032D

 FFF6FF

 000117

 000000

 9130C8

 9130C8

 8A1CC8

 9844C8

 8308C8

 9F58C8

 8000C8

 A76CC8

 AE80C8

 B594C8

 BCA8C8

 C4BCC8

 CBD0C8

 D2E4C8

Harmonies

Analogous

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



005FF1



9130C8



CD0086

Triad

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



9130C8



935300



007E8A

Complementary

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



9130C8



67C830

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.



007C3D



9130C8



536B00

Square

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



9130C8



C21E00



007700



007DCC

Rectangle

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



9130C8



D90057



007700



007E71

Sweetspot

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



9130C8



EAC4FF



3068C8



735C80



000000



808080

Same Dimension

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



9130C8



AB17FF



C830B4



605A63



6800A3



170024

Inverse Universe

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



C83067



FF176B



30C844



635A5D



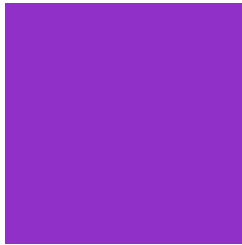
A3003B



24000D

Previews

White Background



This preview shows how the Hex color 9130C8 looks on a white background.

Color Contrast Check

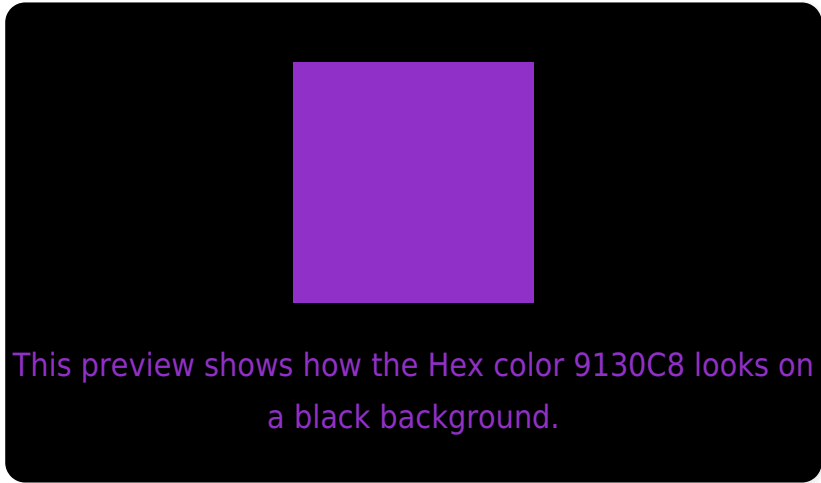
Large Text (above 18pt) WCAG AA ✓ Pass

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

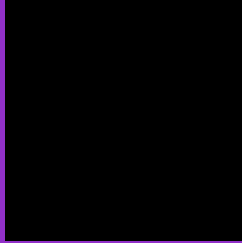
Any Text WCAG AA × Fail

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 9130C8 Background



This preview shows how black text looks on a background with the Hex color 9130C8.

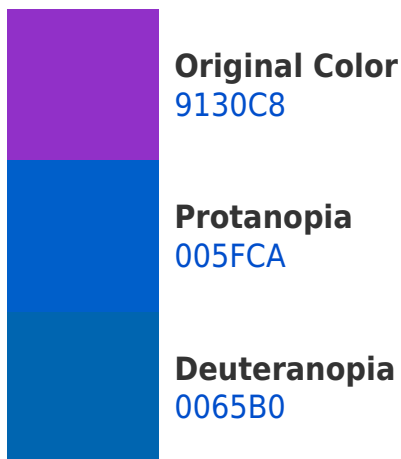


This preview shows how white text looks on a background with the Hex color 9130C8.

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](#).

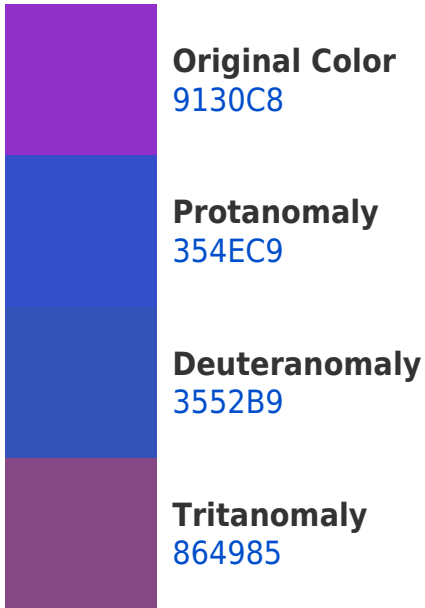
Dichromacy



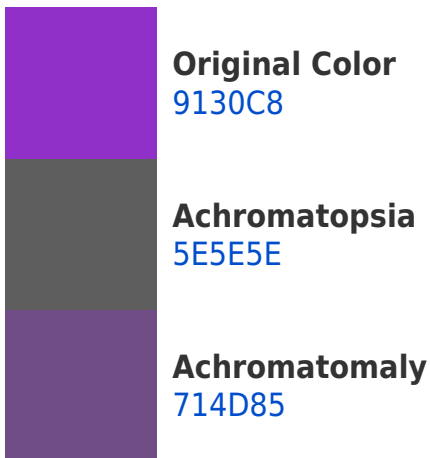


Tritanopia
7F585E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9130C8 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 #9130C8 looks like.

```
.text, #text, p{  
    color:#9130C8  
}
```

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 #9130C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9130C8
}
```

Border

The CSS property to change the border of an element to Hex 9130C8 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
#9130C8 }
```

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

```
.border{ border-color:#9130C8 }
```

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

Here you see how a box with a 4 pixel #9130C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9130C8; -webkit-box-shadow:4px 4px  
4px 4px #9130C8; box-shadow:4px 4px 4px  
4px #9130C8 }
```

Background

The CSS property to change the background color of an element to Hex 9130C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9130C8 }
```

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

```
.background{ background-color:#9130C8 }
```

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