

Converting Colors

Hex(9530B4)

Have a look what the booklet for
Hex(9530B4) contains.

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Color

Hex(9530B4)

Conversions

Conversions Part 1

Format	Color
Hex	9530B4
RGB	149, 48, 180
RGB Percent	58%, 19%, 71%
CMY	0.4157, 0.8118, 0.2941
CMYK	0.17, 0.73, 0.00, 0.29
HSL	286°, 58%, 45%
HSV	286°, 73%, 71%
XYZ	21.6896, 11.7988, 44.3142
YIQ	93.2470, 17.8240, 62.4640

Conversions

Conversions Part 2

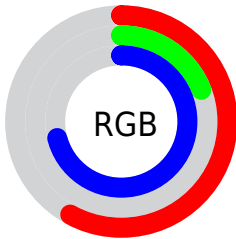
Format	Color
R_{YB}	149, 48, 180
Decimal	9777332
CIE _{Lab}	40.89, 60.31, -50.12
CIE _{LCh}	41, 78.418, 320.272
Yxy	11.7988, 0.2788, 0.1516
Android (android.graphics.Color)	4287967412 (0xFF9530B4)
YUV	93.2470, 42.7692, 48.8954
Hunter-Lab	34.3493, 52.6011, -52.4458

Details

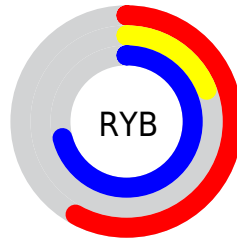
The Hex color **9530B4** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **4FB430**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **CE68ED**, and **5E007E** is the 20% darker color. If you saturate the color by 10%, you get **911EB4**, and if you desaturate by 10%, it is **9942B4**.

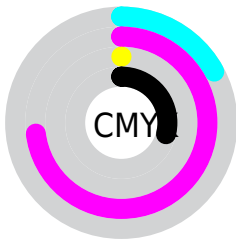
Distribution



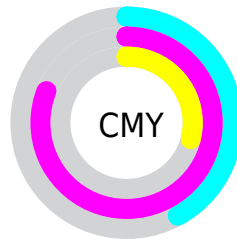
- Red (58%)
- Green (19%)
- Blue (71%)



- Red (58%)
- Yellow (19%)
- Blue (71%)



- Cyan (17%)
- Magenta (73%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9530B4 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 9530B4 by changing the saturation by 10% instead.

 9530B4

 9530B4

FFFFFF

 790B99

 CE68ED

 5E007E

 EC83FF

 420065

 FF9FFF

 2A004C

 FFBBFF

 020034

 FFD8FF


 00021E

 FFF5FF

 000000

 9530B4

 9530B4

 911EB4

 9942B4

8D0CB4

9D54B4

8A00B4

A266B4

A678B4

AA8AB4

AE9CB4

B3AEB4

B7C0B4

BBD2B4

Harmonies

Analogous

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



0059DC



9530B4



C40078

Triad

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



9530B4



875600



007A8C

Complementary

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



9530B4



4FB430

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.



007949



9530B4



4D6A00

Square

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



9530B4



B33200



007400



0078C4

Rectangle

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



9530B4



CC004E



007400



007A76

Sweetspot

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



9530B4



DEB7EB



3051B4



6E5775



F5F5F5



757575

Same Dimension

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



9530B4



BA1CEB



B43093



575059



750099



14001A

Inverse Universe

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



B4304F



EB1C4D



30B451



595052



990024



1A0006

Previews

White Background



This preview shows how the Hex color 9530B4 looks on a white background.

Color Contrast Check

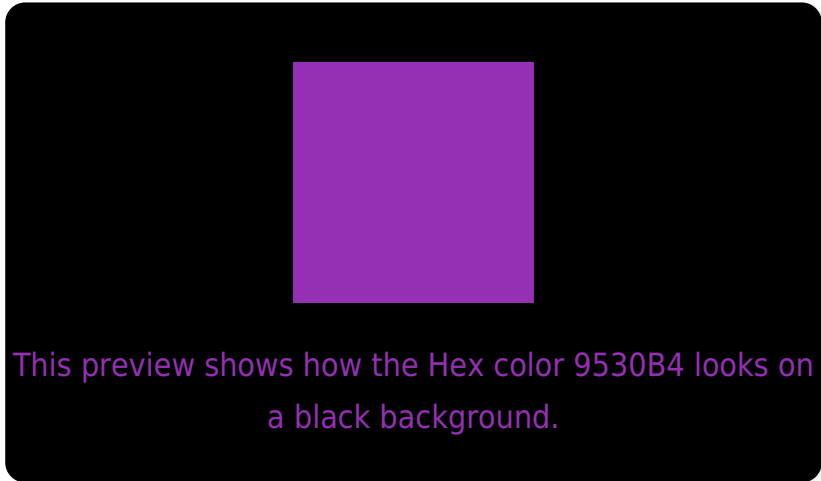
Large Text (above 18pt) WCAG AA ✓ Pass

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

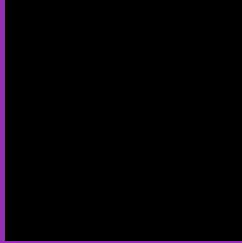
Any Text WCAG AA × Fail

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 9530B4 Background



This preview shows how black text looks on a background with the Hex color 9530B4.

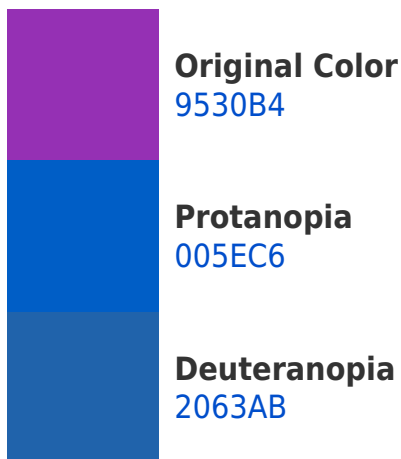


This preview shows how white text looks on a background with the Hex color 9530B4.

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](#).

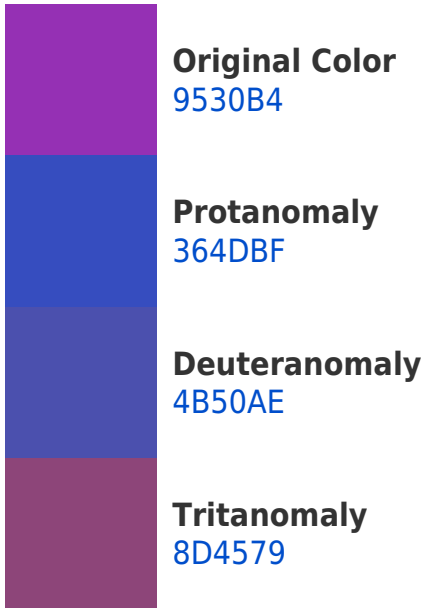
Dichromacy



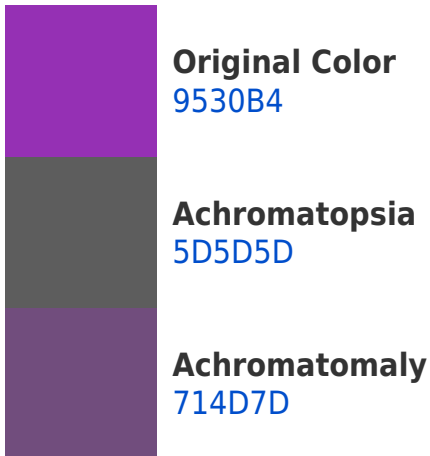


Tritanopia
885157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9530B4 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 #9530B4 looks like.

```
.text, #text, p{  
    color:#9530B4  
}
```

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 #9530B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9530B4
}
```

Border

The CSS property to change the border of an element to Hex 9530B4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

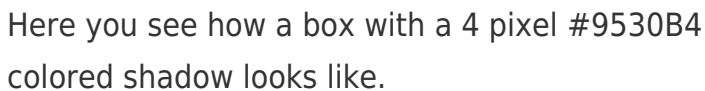
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9530B4 }
```

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

```
.border{ border-color:#9530B4 }
```

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



Here you see how a box with a 4 pixel #9530B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9530B4; -webkit-box-shadow:4px 4px  
4px 4px #9530B4; box-shadow:4px 4px 4px  
4px #9530B4 }
```

Background

The CSS property to change the background color of an element to Hex 9530B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9530B4 }
```

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

```
.background{ background-color:#9530B4 }
```

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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