

Converting Colors

Hex(9E5CB3)

Have a look what the booklet for
Hex(9E5CB3) contains.

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Color

Hex(9E5CB3)

Conversions

Conversions Part 1

Format	Color
Hex	9E5CB3
RGB	158, 92, 179
RGB Percent	62%, 36%, 70%
CMY	0.3804, 0.6392, 0.2980
CMYK	0.12, 0.49, 0.00, 0.30
HSL	286°, 36%, 53%
HSV	286°, 49%, 70%
XYZ	26.0644, 18.1781, 44.7828
YIQ	121.6520, 11.4090, 41.0490

Conversions

Conversions Part 2

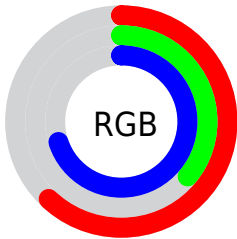
Format	Color
R_{YB}	158, 92, 179
Decimal	10378419
CIE _{Lab}	49.71, 41.60, -35.44
CIE _{LCh}	50, 54.652, 319.574
Yxy	18.1781, 0.2928, 0.2042
Android (android.graphics.Color)	4288568499 (0xFF9E5CB3)
YUV	121.6520, 28.2726, 31.8772
Hunter-Lab	42.6357, 34.5093, -32.4307

Details

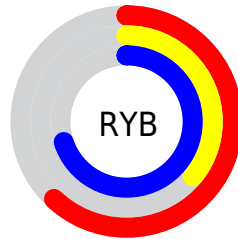
The Hex color **9E5CB3** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **71B35C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D690EB**, and **682A7E** is the 20% darker color. If you saturate the color by 10%, you get **9A4AB3**, and if you desaturate by 10%, it is **A26EB3**.

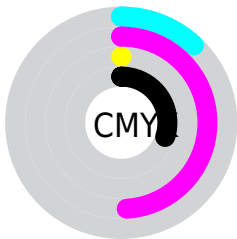
Distribution



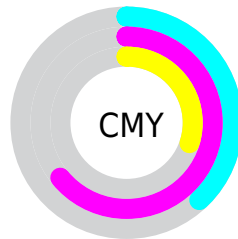
- Red (62%)
- Green (36%)
- Blue (70%)



- Red (62%)
- Yellow (36%)
- Blue (70%)



- Cyan (12%)
- Magenta (49%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (64%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E5CB3 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 9E5CB3 by changing the saturation by 10% instead.

 9E5CB3

 9E5CB3

FFFFFF

 834398

 D690EB

 682A7E

 F3ABFF

 4F0F64

 FFC7FF

 35004C

 FFE4FF

 220035

 00021F

 000001

 000000

 9E5CB3

 9E5CB3

 9A4AB3

 A26EB3

 9538B3

 A780B3

 9126B3

 AB92B3

 8D14B3

 AFA4B3

 8803B3

 B4B6B3

 8800B3

 B8C7B3

 BCD9B3

 C1EBB3

 C5FDB3

Harmonies

Analogous

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



5671CE



9E5CB3



C24B88

Triad

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



9E5CB3



9B6E0D



008C94

Complementary

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



9E5CB3



71B35C

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.



008B64



9E5CB3



707D0F

Square

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



9E5CB3



BA5B30



358636



0089BC

Rectangle

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



9E5CB3



CA4869



358636



008C84

Sweetspot

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



9E5CB3



E0C5E8



5C72B3



706075



F5F5F5



757575

Same Dimension

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



9E5CB3



C861E8



B35C9D



575059



740099



13001A

Inverse Universe

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



B35C71



E86182



5CB372



595052



990025



1A0006

Previews

White Background



This preview shows how the Hex color 9E5CB3 looks on a white background.

Color Contrast Check

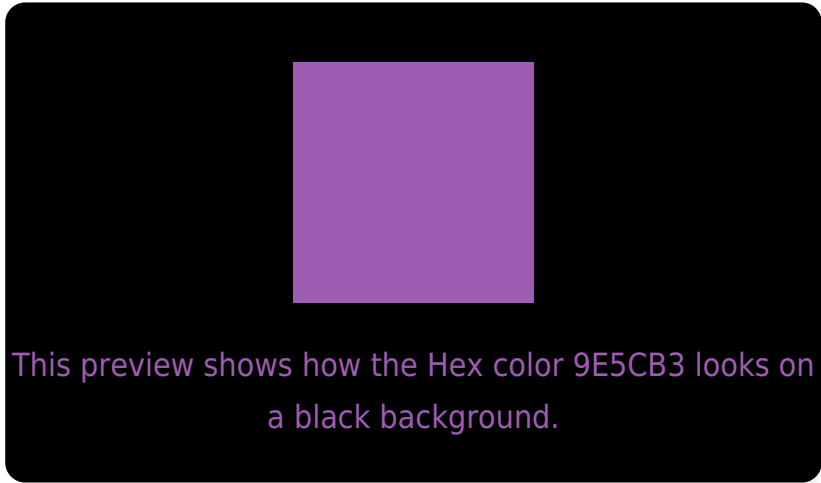
Large Text (above 18pt) WCAG AA ✓ Pass

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

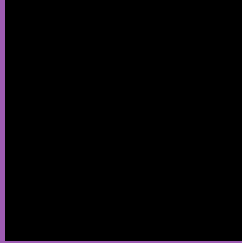
Any Text WCAG AA ✓ Pass

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 9E5CB3 Background



This preview shows how black text looks on a background with the Hex color 9E5CB3.

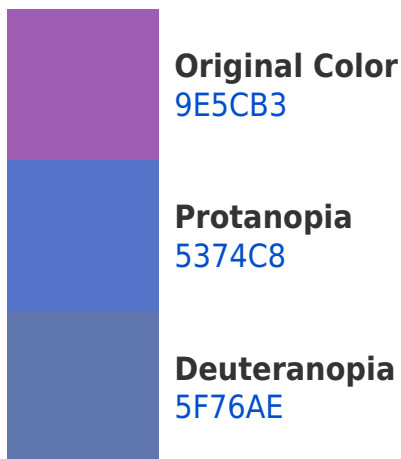



This preview shows how white text looks on a background with the Hex color 9E5CB3.

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
956B73

Trichromacy



Original Color
9E5CB3



Protanomaly
6E6BC0



Deuteranomaly
766DB0



Tritanomaly
98668A

Monochromacy



Original Color
9E5CB3



Achromatopsia
7A7A7A



Achromatomaly
876F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E5CB3 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 #9E5CB3 looks like.

```
.text, #text, p{  
    color:#9E5CB3  
}
```

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 #9E5CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5CB3
}
```

Border

The CSS property to change the border of an element to Hex 9E5CB3 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
#9E5CB3 }
```

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

```
.border{ border-color:#9E5CB3 }
```

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

Here you see how a box with a 4 pixel #9E5CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5CB3; -webkit-box-shadow:4px 4px  
4px 4px #9E5CB3; box-shadow:4px 4px 4px  
4px #9E5CB3 }
```

Background

The CSS property to change the background color of an element to Hex 9E5CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5CB3 }
```

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

```
.background{ background-color:#9E5CB3 }
```

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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