

Converting Colors

Hex(9642CF)

Have a look what the booklet for
Hex(9642CF) contains.

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Color

Hex(9642CF)

Conversions

Conversions Part 1

Format	Color
Hex	9642CF
RGB	150, 66, 207
RGB Percent	59%, 26%, 81%
CMY	0.4118, 0.7412, 0.1882
CMYK	0.28, 0.68, 0.00, 0.19
HSL	276°, 59%, 54%
HSV	276°, 68%, 81%
XYZ	25.7884, 14.8855, 60.5455
YIQ	107.1900, 4.8030, 61.6590

Conversions

Conversions Part 2

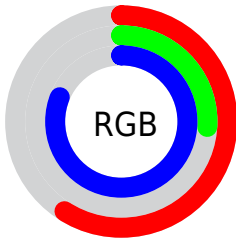
Format	Color
R_{YB}	150, 66, 207
Decimal	9847503
CIE _{Lab}	45.48, 58.71, -58.47
CIE _{LCh}	45, 82.855, 315.115
Yxy	14.8855, 0.2548, 0.1471
Android (android.graphics.Color)	4288037583 (0xFF9642CF)
YUV	107.1900, 49.2063, 37.5444
Hunter-Lab	38.5817, 51.7933, -66.0355

Details

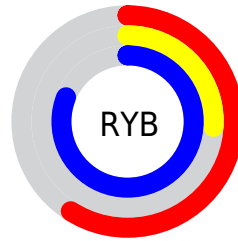
The Hex color **9642CF** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **7BCF42**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D078FF**, and **5E0098** is the 20% darker color. If you saturate the color by 10%, you get **8E2DCF**, and if you desaturate by 10%, it is **9E57CF**.

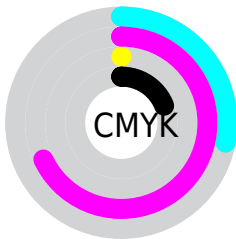
Distribution



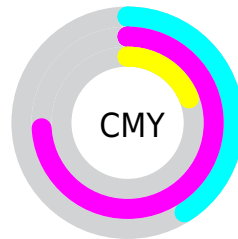
- Red (59%)
- Green (26%)
- Blue (81%)



- Red (59%)
- Yellow (26%)
- Blue (81%)



- Cyan (28%)
- Magenta (68%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (74%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9642CF 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 9642CF by changing the saturation by 10% instead.

9642CF

9642CF

FFFFFF

7A26B3

D078FF

5E0098

EE93FF

41007D

FFAFFF

230063

FFCBFF

00004B

FFE8FF

000433

00021D

000000

9642CF

9642CF

 8E2DCF

 9E57CF

 8519CF

 A76BCF

 7D04CF

 AF80CF

 7B00CF

 B795CF

 C0A9CF

 C8BECF

 D1D3CF

 D9E8CF

 E1FCCF

Harmonies

Analogous

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



0069F4



9642CF



D20091

Triad

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



9642CF



A05C00



00888E

Complementary

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



9642CF



7BCF42

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.



008545



9642CF



647300

Square

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



9642CF



CB3100



008000



0086CE

Rectangle

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



9642CF



DF0063



008000



008776

Sweetspot

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



9642CF



EACCFE



427DCF



736180



000000



808080

Same Dimension

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



9642CF



AA2EFF



CF42C3



645E69



6400A8



180029

Inverse Universe

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



CF427B



FF2E82



42CF4E



695E62



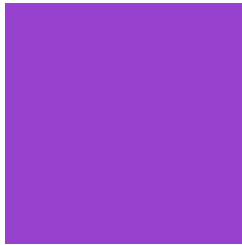
A80044



290010

Previews

White Background



This preview shows how the Hex color 9642CF looks on a white background.

Color Contrast Check

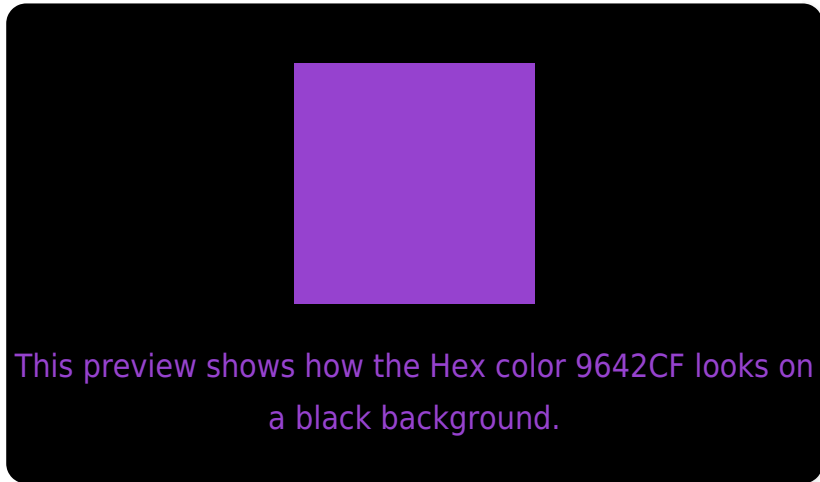
Large Text (above 18pt) WCAG AA ✓ Pass

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

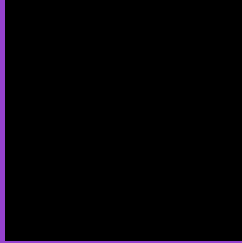
Any Text WCAG AA × Fail

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 9642CF Background



This preview shows how black text looks on a background with the Hex color 9642CF.

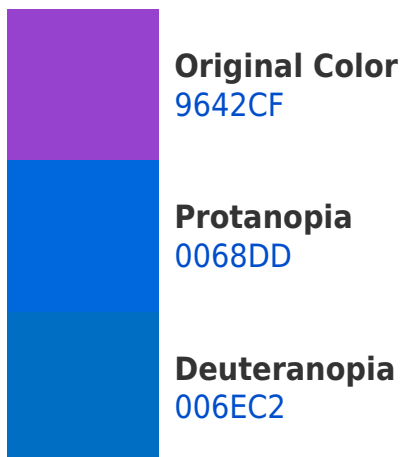



This preview shows how white text looks on a background with the Hex color 9642CF.

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](#).

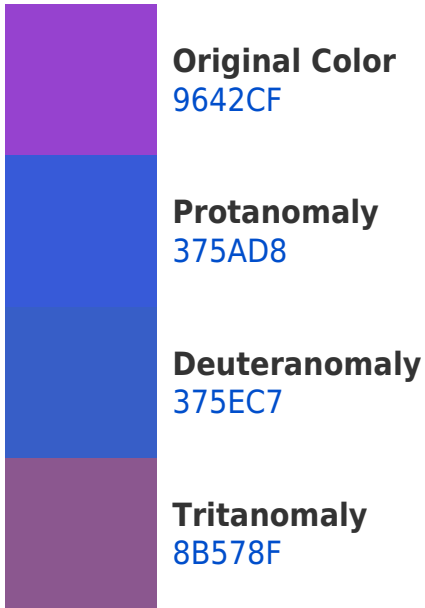
Dichromacy



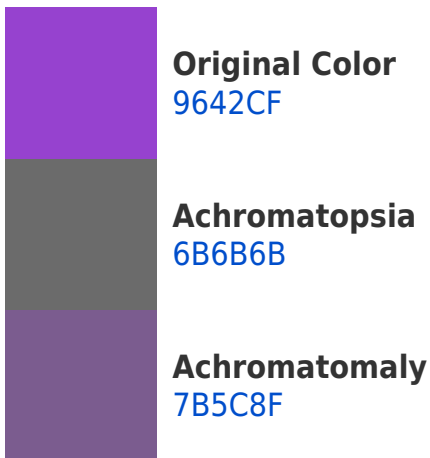


Tritanopia
85636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9642CF 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 #9642CF looks like.

```
.text, #text, p{  
  color:#9642CF  
}
```

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 #9642CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9642CF
}
```

Border

The CSS property to change the border of an element to Hex 9642CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

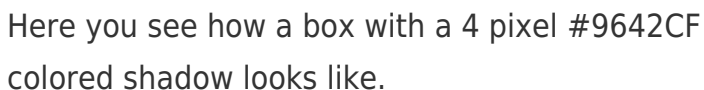
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9642CF }
```

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

```
.border{ border-color:#9642CF }
```

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



Here you see how a box with a 4 pixel #9642CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9642CF; -webkit-box-shadow:4px 4px  
4px 4px #9642CF; box-shadow:4px 4px 4px  
4px #9642CF }
```

Background

The CSS property to change the background color of an element to Hex 9642CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9642CF }
```

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

```
.background{ background-color:#9642CF }
```

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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