

Converting Colors

Hex(9943CD)

Have a look what the booklet for
Hex(9943CD) contains.

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Color

Hex(9943CD)

Conversions

Conversions Part 1

Format	Color
Hex	9943CD
RGB	153, 67, 205
RGB Percent	60%, 26%, 80%
CMY	0.4000, 0.7373, 0.1961
CMYK	0.25, 0.67, 0.00, 0.20
HSL	277°, 58%, 53%
HSV	277°, 67%, 80%
XYZ	26.1635, 15.1944, 59.3115
YIQ	108.4460, 6.9580, 61.1500

Conversions

Conversions Part 2

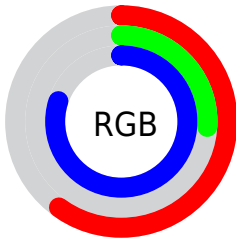
Format	Color
R_{YB}	153, 67, 205
Decimal	10044365
CIE _{Lab}	45.90, 58.45, -56.62
CIE _{LCh}	46, 81.372, 315.911
Yxy	15.1944, 0.2599, 0.1509
Android (android.graphics.Color)	4288234445 (0xFF9943CD)
YUV	108.4460, 47.6011, 39.0739
Hunter-Lab	38.9800, 51.5947, -62.9289

Details

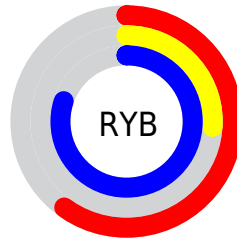
The Hex color **9943CD** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **77CD43**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **D379FF**, and **610096** is the 20% darker color. If you saturate the color by 10%, you get **912ECD**, and if you desaturate by 10%, it is **A157CD**.

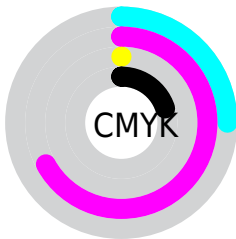
Distribution



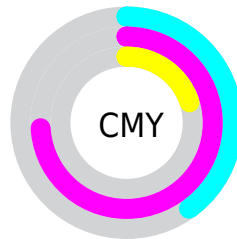
- Red (60%)
- Green (26%)
- Blue (80%)



- Red (60%)
- Yellow (26%)
- Blue (80%)



- Cyan (25%)
- Magenta (67%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (74%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9943CD 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 9943CD by changing the saturation by 10% instead.

9943CD

9943CD

FFFFFF

7D27B1

D379FF

610096

F094FF

45007B

FFB0FF

280062

FFCCFF

050049

FFE9FF

000431

00011B

000000

9943CD

9943CD

 912ECD

 A157CD

 8A1ACD

 A86CCD

 8205CD

 B081CD

 8000CD

 B895CD

 C0A9CD

 C7BECD

 CFD2CD

 D7E7CD

 DFFCCD

Harmonies

Analogous

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



006AF2



9943CD



D20090

Triad

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



9943CD



9F5E00



008890

Complementary

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



9943CD



77CD43

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.



008649



9943CD



647500

Square

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



9943CD



CA3600



008100



0087CF

Rectangle

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



9943CD



DF0063



008100



008879

Sweetspot

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



9943CD



ECCCCF



4378CD



746180



000000



808080

Same Dimension

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



9943CD



B130FF



CD43BD



625C66



6700A6



180026

Inverse Universe

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



CD4377



FF307E



43CD53



665C60



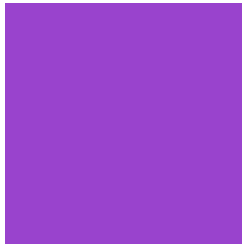
A6003E



26000E

Previews

White Background



This preview shows how the Hex color 9943CD 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

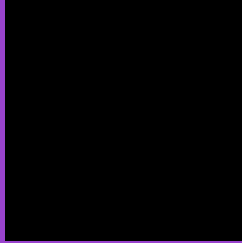
Any Text WCAG AA × Fail

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 9943CD Background



This preview shows how black text looks on a background with the Hex color 9943CD.



This preview shows how white text looks on a background with the Hex color 9943CD.

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
9943CD

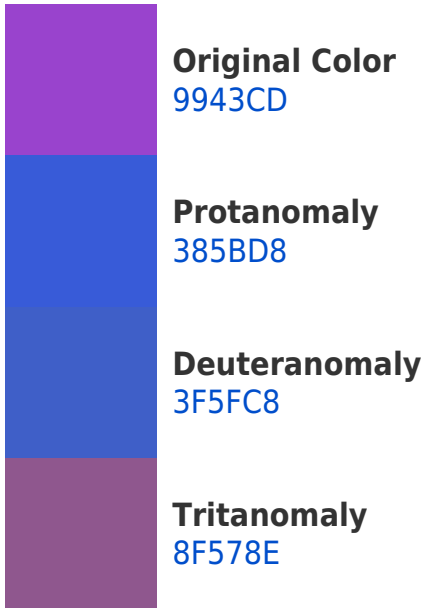
Protanopia
0069DF

Deuteranopia
0B6FC5

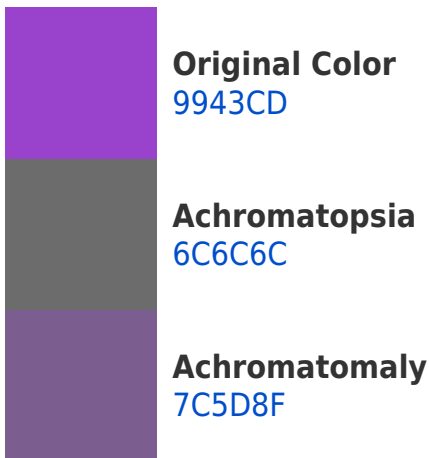


Tritanopia
89626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9943CD 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 #9943CD looks like.

```
.text, #text, p{  
    color:#9943CD  
}
```

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 #9943CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9943CD
}
```

Border

The CSS property to change the border of an element to Hex 9943CD 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".

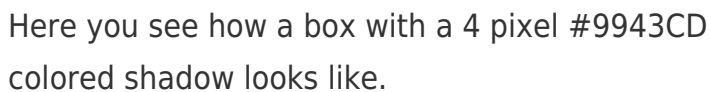
```
.border, #border, table{ border:4px solid
#9943CD }
```

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

```
.border{ border-color:#9943CD }
```

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

Here you see how a box with a 4 pixel #9943CD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9943CD; -webkit-box-shadow:4px 4px  
4px 4px #9943CD; box-shadow:4px 4px 4px  
4px #9943CD }
```

Background

The CSS property to change the background color of an element to Hex 9943CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9943CD }
```

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

```
.background{ background-color:#9943CD }
```

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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