

Converting Colors

Hex(9533D4)

Have a look what the booklet for
Hex(9533D4) contains.

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Color

Hex(9533D4)

Conversions

Conversions Part 1

Format	Color
Hex	9533D4
RGB	149, 51, 212
RGB Percent	58%, 20%, 83%
CMY	0.4157, 0.8000, 0.1686
CMYK	0.30, 0.76, 0.00, 0.17
HSL	277°, 65%, 52%
HSV	277°, 76%, 83%
XYZ	25.4619, 13.5107, 63.5532
YIQ	98.6560, 6.7270, 70.8470

Conversions

Conversions Part 2

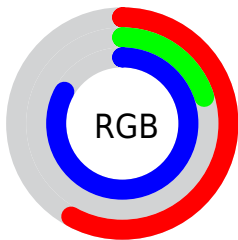
Format	Color
R_{YB}	149, 51, 212
Decimal	9778132
CIE _{Lab}	43.52, 65.76, -64.52
CIE _{LCh}	44, 92.122, 315.545
Yxy	13.5107, 0.2483, 0.1318
Android (android.graphics.Color)	4287968212 (0xFF9533D4)
YUV	98.6560, 55.8786, 44.1517
Hunter-Lab	36.7569, 59.3245, -76.7835

Details

The Hex color **9533D4** 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 **72D433**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D06BFF**, and **5B009C** is the 20% darker color. If you saturate the color by 10%, you get **8D1ED4**, and if you desaturate by 10%, it is **9D48D4**.

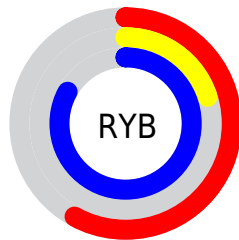
Distribution



Red (58%)

Green (20%)

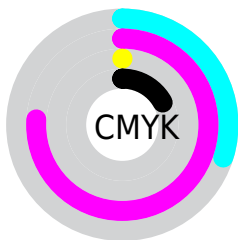
Blue (83%)



Red (58%)

Yellow (20%)

Blue (83%)

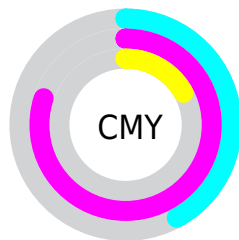


Cyan (30%)

Magenta (76%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (80%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9533D4 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 9533D4 by changing the saturation by 10% instead.

 9533D4

 9533D4

FFFFFF

 780FB8

 D06BFF

 5B009C

 EE87FF

 3E0081

 FFA3FF

 1E0067

 FFC0FF

 00004E

 FFDDFF

 000536

 FFFAFF

 000220

 000004

 000000

■ 9533D4

■ 9533D4

■ 8D1ED4

■ 9D48D4

■ 8409D4

■ A65DD4

■ 8100D4

■ AE73D4

■ B688D4

■ BE9DD4

■ C7B2D4

■ CFC7D4

■ D7DDD4

■ E0F2D4

Harmonies

Analogous

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



0065FE



9533D4



D7008F

Triad

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



9533D4



9C5600



00848E

Complementary

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



9533D4



72D433

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.



00823D



9533D4



597000

Square

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



9533D4



CC1900



007C00



0083D5

Rectangle

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



9533D4



E4005D



007C00



008374

Sweetspot

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



9533D4



E8C4FF



3373D4



725C80



000000



808080

Same Dimension

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



9533D4



A417FF



D433C4



67606B



6800AB



1A002B

Inverse Universe

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



D43372



FF1772



33D443



6B6065



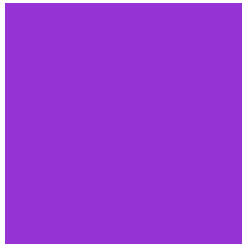
AB0043



2B0011

Previews

White Background



This preview shows how the Hex color 9533D4 looks on a white background.

Color Contrast Check

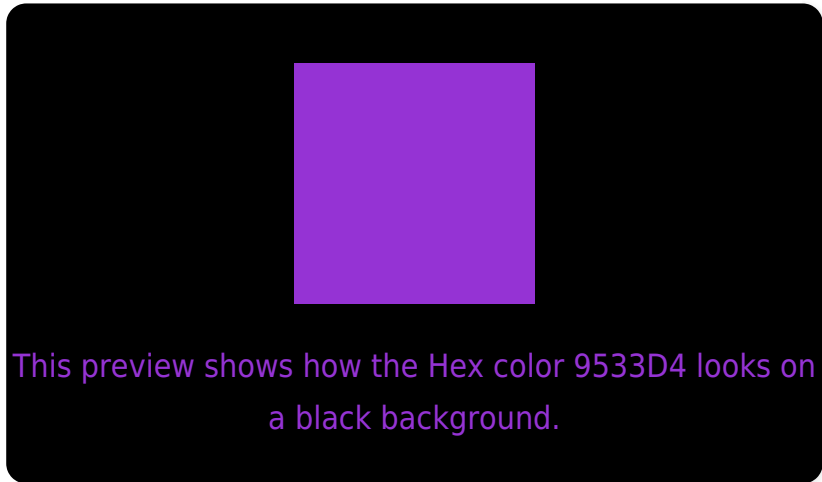
Large Text (above 18pt) WCAG AA ✓ Pass

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

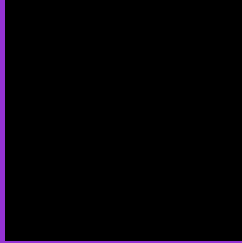
Any Text WCAG AA × Fail

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 9533D4 Background



This preview shows how black text looks on a background with the Hex color 9533D4.

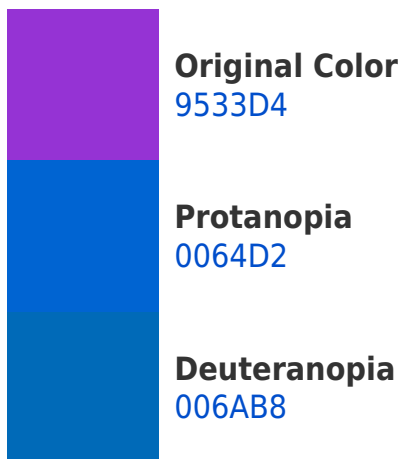


This preview shows how white text looks on a background with the Hex color 9533D4.

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](#).

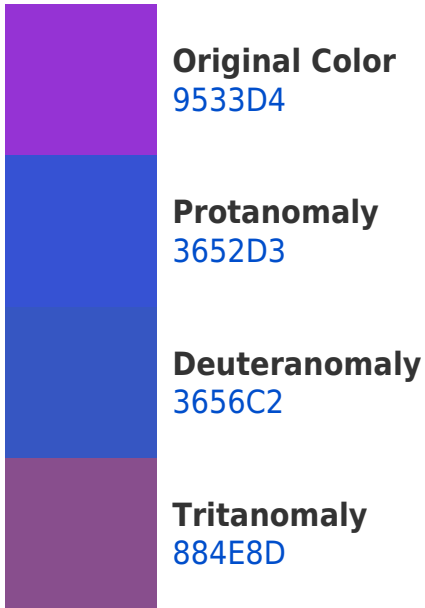
Dichromacy





Tritanopia
815D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9533D4 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 #9533D4 looks like.

```
.text, #text, p{  
    color:#9533D4  
}
```

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 #9533D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9533D4
}
```

Border

The CSS property to change the border of an element to Hex 9533D4 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".

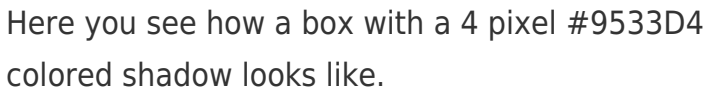
```
.border, #border, table{ border:4px solid
#9533D4 }
```

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

```
.border{ border-color:#9533D4 }
```

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

Here you see how a box with a 4 pixel #9533D4 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 #9533D4; -webkit-box-shadow:4px 4px  
4px 4px #9533D4; box-shadow:4px 4px 4px  
4px #9533D4 }
```

Background

The CSS property to change the background color of an element to Hex 9533D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9533D4 }
```

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

```
.background{ background-color:#9533D4 }
```

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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