

# Converting Colors

Hex(993DF5)

Have a look what the booklet for  
Hex(993DF5) contains.

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**Color**

**Hex(993DF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993DF5
RGB	153, 61, 245
RGB Percent	60%, 24%, 96%
CMY	0.4000, 0.7608, 0.0392
CMYK	0.38, 0.75, 0.00, 0.04
HSL	270°, 90%, 60%
HSV	270°, 75%, 96%
XYZ	31.2870, 16.7024, 87.9611
YIQ	109.4840, -4.2320, 76.7280

# Conversions

## Conversions Part 2

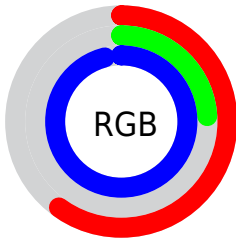
Format	Color
R <sub>Y</sub> B	153, 61, 245
Decimal	10042869
CIE <sub>Lab</sub>	47.88, 69.88, -76.13
CIE <sub>LCh</sub>	48, 103.334, 312.549
Yxy	16.7024, 0.2301, 0.1229
Android (android.graphics.Color)	4288232949 (0xFF993DF5)
YUV	109.4840, 66.8094, 38.1635
Hunter-Lab	40.8685, 65.1314, -99.0015

# Details

The Hex color **993DF5** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **99F53D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D575FF**, and **5C00BB** is the 20% darker color. If you saturate the color by 10%, you get **8D24F5**, and if you desaturate by 10%, it is **A556F5**.

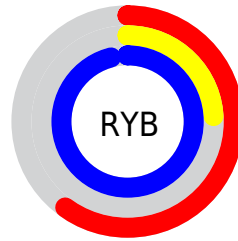
# Distribution



Red (60%)

Green (24%)

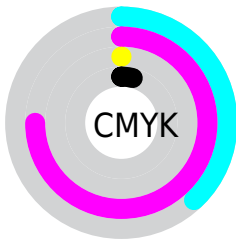
Blue (96%)



Red (60%)

Yellow (24%)

Blue (96%)

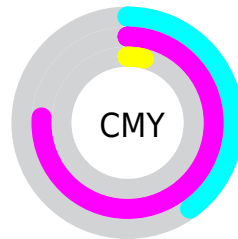


Cyan (38%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (40%)

Magenta (76%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993DF5 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 993DF5 by changing the saturation by 10% instead.



 993DF5

 993DF5

FFFFFF

 7B1DD8

 D575FF

 5C00BB

 F491FF

 3C00A0

 FFADFF

 0E0084

 FFCAFF

 00006A

 FFE7FF

 000051

 000539

 000222


 000009

 993DF5

 993DF5

 8D24F5

 A556F5

 810CF5

 B26EF5

 7B00F5

 BE86F5

 CA9FF5

 D6B7F5

 E3D0F5

 EFE9F5

 FBFFF5

 FFFFF5

# Harmonies

## Analogous

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



0073FF



993DF5



EC00A8

# Triad

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



993DF5



B35A00



009296

# Complementary

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



993DF5



99F53D

# 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.



008F38



993DF5



697A00

# Square

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



993DF5



E80000



008900



0092E8

# Rectangle

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



993DF5



FF006F



008900



009177



# Sweetspot

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



993DF5



E2C4FF



3D99F5



6E5C80



000000



808080



# Same Dimension

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



993DF5



8C19FF



F53DF5



746E7A



5D00BA



1D003B



# Inverse Universe

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



F53D99



FF198C



3DF53D



7A6E74



BA005D

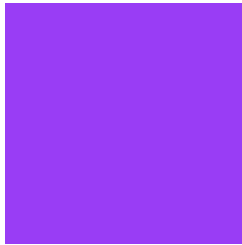


3B001D



# Previews

## White Background



This preview shows how the Hex color 993DF5 looks on a white background.

## Color Contrast Check

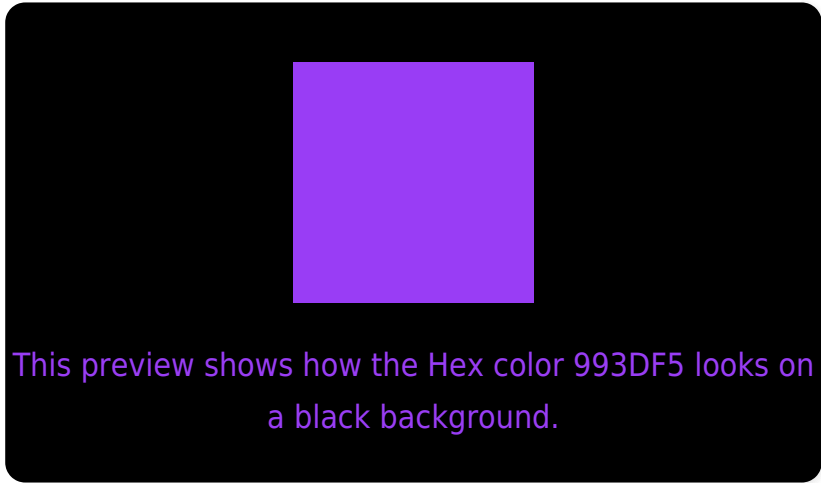
Large Text (above 18pt) WCAG AA ✓ Pass

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

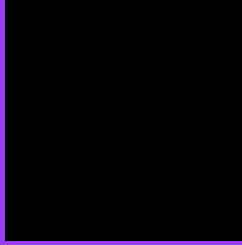
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 993DF5 Background



This preview shows how black text looks on a background with the Hex color 993DF5.

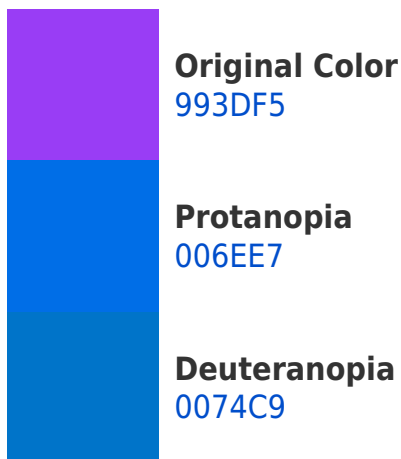


This preview shows how white text looks on a background with the Hex color 993DF5.

# 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](#).

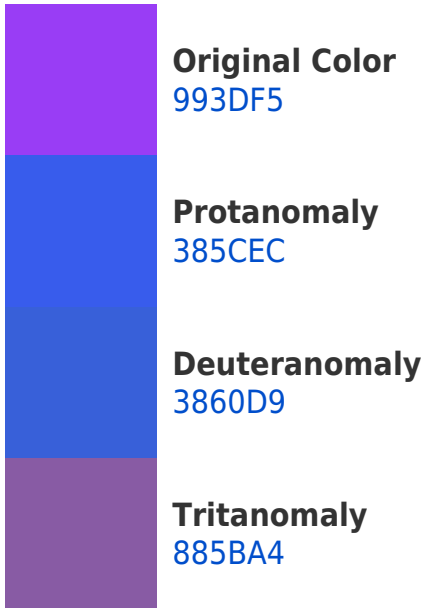
## Dichromacy



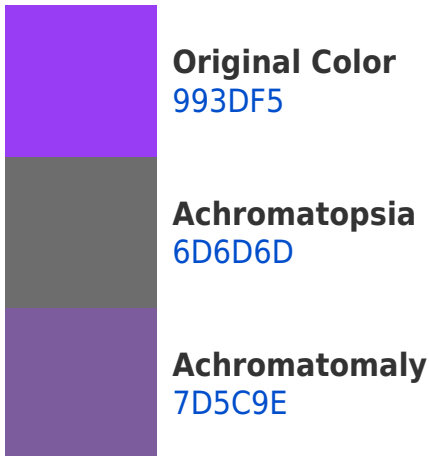


**Tritanopia**  
7F6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993DF5 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 #993DF5 looks like.

```
.text, #text, p{  
    color:#993DF5  
}
```

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 #993DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993DF5
}
```

## Border

The CSS property to change the border of an element to Hex 993DF5 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
#993DF5 }
```

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

```
.border{ border-color:#993DF5 }
```

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

Here you see how a box with a 4 pixel #993DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993DF5; -webkit-box-shadow:4px 4px  
4px 4px #993DF5; box-shadow:4px 4px 4px  
4px #993DF5 }
```

# Background

The CSS property to change the background color of an element to Hex 993DF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993DF5 }
```

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

```
.background{ background-color:#993DF5 }
```

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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