

# Converting Colors

Hex(993FB5)

Have a look what the booklet for  
Hex(993FB5) contains.

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# Color

**Hex(993FB5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993FB5
RGB	153, 63, 181
RGB Percent	60%, 25%, 71%
CMY	0.4000, 0.7529, 0.2902
CMYK	0.15, 0.65, 0.00, 0.29
HSL	286°, 48%, 48%
HSV	286°, 65%, 71%
XYZ	23.2549, 13.6635, 45.1277
YIQ	103.3620, 15.7620, 55.7780

# Conversions

## Conversions Part 2

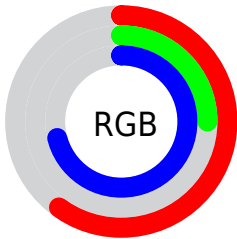
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 63, 181
Decimal	10043317
CIE <sub>Lab</sub>	43.75, 55.20, -46.10
CIE <sub>LCh</sub>	44, 71.919, 320.128
Yxy	13.6635, 0.2834, 0.1665
Android (android.graphics.Color)	4288233397 (0xFF993FB5)
YUV	103.3620, 38.2755, 43.5325
Hunter-Lab	36.9642, 47.6104, -46.5092

# Details

The Hex color **993FB5** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **5BB53F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D275EE**, and **62007F** is the 20% darker color. If you saturate the color by 10%, you get **952DB5**, and if you desaturate by 10%, it is **9D51B5**.

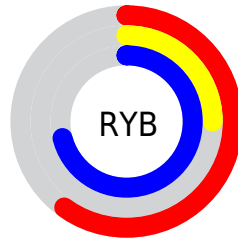
# Distribution



Red (60%)

Green (25%)

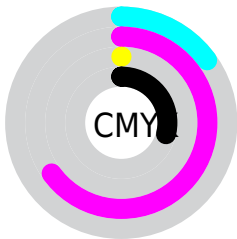
Blue (71%)



Red (60%)

Yellow (25%)

Blue (71%)

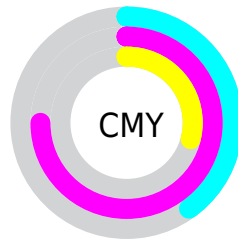


Cyan (15%)

Magenta (65%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (75%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993FB5 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 993FB5 by changing the saturation by 10% instead.



 993FB5

 993FB5

FFFFFF

 7D239A

 D275EE

 62007F

 EF90FF

 470066

 FFACFF

 2D004D

 FFC8FF

 110035

 FFE5FF

 00021F

 000002

 000000

 993FB5

 993FB5

952DB5

9D51B5

901BB5

A263B5

8C09B5

A675B5

8A00B5

AA87B5

AE9AB5

B3ACB5

B7BEB5

BBD0B5

C0E2B5

# Harmonies

## Analogous

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



1561D9



993FB5



C50D7E

# Triad

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



993FB5



8F5E00



00808F

# Complementary

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



993FB5



5BB53F

# 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.



007F51



993FB5



587100

# Square

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



993FB5



B74000



007A07



007EC3

# Rectangle

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



993FB5



CD0056



007A07



00807B



# Sweetspot

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



993FB5



DFBCEB



3F5DB5



6F5975



F5F5F5



757575



# Same Dimension

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



993FB5



BF34EB



B53F98



575059



750099



13001A



# Inverse Universe

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



B53F5B



EB345F



3FB55D



595052



990024



1A0006



# Previews

## White Background



This preview shows how the Hex color 993FB5 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

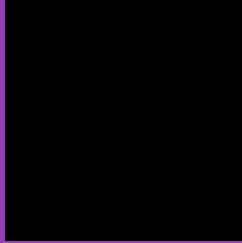
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 993FB5 Background



This preview shows how black text looks on a background with the Hex color 993FB5.

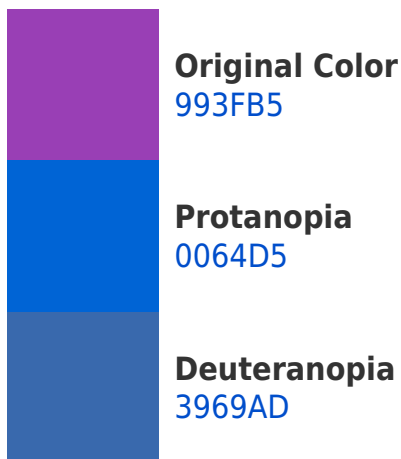


This preview shows how white text looks on a background with the Hex color 993FB5.

# 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**  
8D5960

# Trichromacy



**Original Color**  
993FB5



**Protanomaly**  
3857C9



**Deuteranomaly**  
5C5AB0



**Tritanomaly**  
91507F

# Monochromacy



**Original Color**  
993FB5



**Achromatopsia**  
676767



**Achromatomaly**  
795883

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993FB5 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 #993FB5 looks like.

```
.text, #text, p{  
    color:#993FB5  
}
```

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 #993FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993FB5
}
```

## Border

The CSS property to change the border of an element to Hex 993FB5 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
#993FB5 }
```

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

```
.border{ border-color:#993FB5 }
```

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

Here you see how a box with a 4 pixel #993FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993FB5; -webkit-box-shadow:4px 4px  
4px 4px #993FB5; box-shadow:4px 4px 4px  
4px #993FB5 }
```

# Background

The CSS property to change the background color of an element to Hex 993FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993FB5 }
```

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

```
.background{ background-color:#993FB5 }
```

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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