

# Converting Colors

Hex(963FC0)

Have a look what the booklet for  
Hex(963FC0) contains.

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# Color

**Hex(963FC0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	963FC0
RGB	150, 63, 192
RGB Percent	59%, 25%, 75%
CMY	0.4118, 0.7529, 0.2471
CMYK	0.22, 0.67, 0.00, 0.25
HSL	280°, 51%, 50%
HSV	280°, 67%, 75%
XYZ	23.8696, 13.8448, 51.2834
YIQ	103.7190, 10.4430, 58.5630

# Conversions

## Conversions Part 2

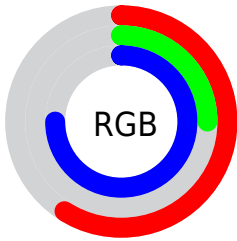
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 63, 192
Decimal	9846720
CIE <sub>Lab</sub>	44.01, 56.79, -52.14
CIE <sub>LCh</sub>	44, 77.102, 317.444
Yxy	13.8448, 0.2682, 0.1556
Android (android.graphics.Color)	4288036800 (0xFF963FC0)
YUV	103.7190, 43.5225, 40.5884
Hunter-Lab	37.2086, 49.3940, -55.6714

# Details

The Hex color **963FC0** 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 **69C03F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CF75F9**, and **5F008A** is the 20% darker color. If you saturate the color by 10%, you get **902CC0**, and if you desaturate by 10%, it is **9C52C0**.

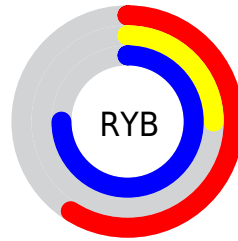
# Distribution



Red (59%)

Green (25%)

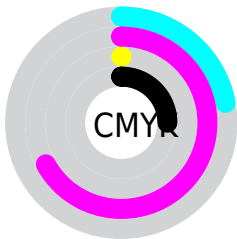
Blue (75%)



Red (59%)

Yellow (25%)

Blue (75%)

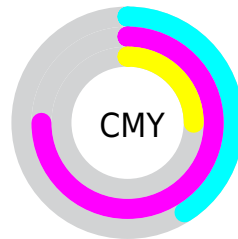


Cyan (22%)

Magenta (67%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (75%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963FC0 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 963FC0 by changing the saturation by 10% instead.



 963FC0

 963FC0

FFFFFF

 7A23A4

 CF75F9

 5F008A

 ED90FF

 43006F

 FFACFF

 280056

 FFC8FF

 06003E

 FFE5FF

 000327

 000111

 000000

 963FC0

 963FC0

902CC0

9C52C0

8919C0

A365C0

8305C0

A979C0

8100C0

AF8CC0

B59FC0

BCB2C0

C2C5C0

C8D9C0

CEECC0

# Harmonies

## Analogous

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



0064E4



963FC0



C90086

# Triad

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



963FC0



955B00



00828D

# Complementary

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



963FC0



69C03F

# 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.



00814A



963FC0



5D7000

# Square

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



963FC0



BF3800



007C00



0081C6

# Rectangle

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



963FC0



D4005B



007C00



008277



# Sweetspot

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



963FC0



EAC8FA



3F6AC0



735F7D



FCFCFC



7D7D7D



# Same Dimension

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



963FC0



B82FFA



C03FAA



5E5761



6C00A1



160021



# Inverse Universe

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



C03F69



FA2F71



3FC054



61575A



A10034

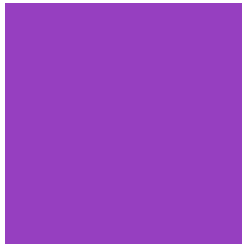


21000B



# Previews

## White Background



This preview shows how the Hex color 963FC0 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

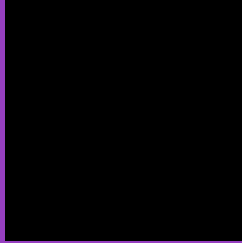
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 963FC0 Background



This preview shows how black text looks on a background with the Hex color 963FC0.

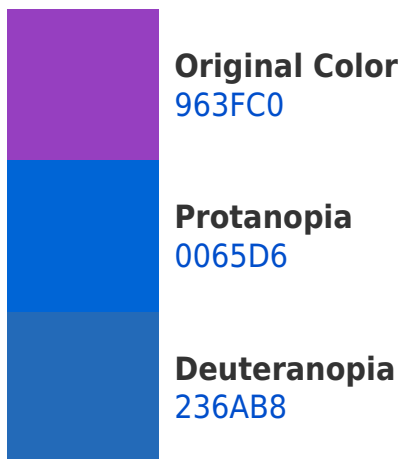


This preview shows how white text looks on a background with the Hex color 963FC0.

# 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](#).

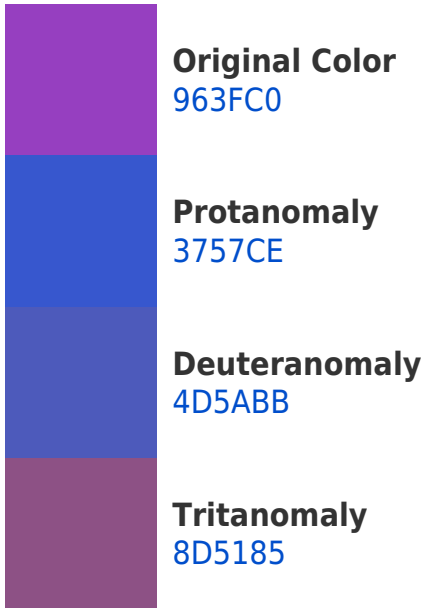
## Dichromacy



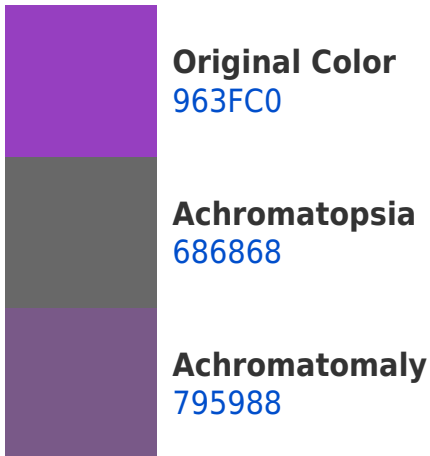


**Tritanopia**  
885C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963FC0 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 #963FC0 looks like.

```
.text, #text, p{  
    color:#963FC0  
}
```

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 #963FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963FC0
}
```

## Border

The CSS property to change the border of an element to Hex 963FC0 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
#963FC0 }
```

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

```
.border{ border-color:#963FC0 }
```

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

Here you see how a box with a 4 pixel #963FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963FC0; -webkit-box-shadow:4px 4px  
4px 4px #963FC0; box-shadow:4px 4px 4px  
4px #963FC0 }
```

# Background

The CSS property to change the background color of an element to Hex 963FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963FC0 }
```

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

```
.background{ background-color:#963FC0 }
```

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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