

# Converting Colors

Hex(963CD0)

Have a look what the booklet for  
Hex(963CD0) contains.

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# Color

Hex(963CD0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	963CD0
RGB	150, 60, 208
RGB Percent	59%, 24%, 82%
CMY	0.4118, 0.7647, 0.1843
CMYK	0.28, 0.71, 0.00, 0.18
HSL	276°, 61%, 53%
HSV	276°, 71%, 82%
XYZ	25.5787, 14.2698, 61.0807
YIQ	103.7820, 6.1320, 65.1080

# Conversions

## Conversions Part 2

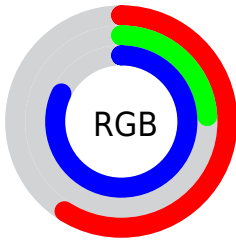
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 60, 208
Decimal	9845968
CIE <sub>Lab</sub>	44.62, 61.53, -60.43
CIE <sub>LCh</sub>	45, 86.245, 315.515
Yxy	14.2698, 0.2534, 0.1414
Android (android.graphics.Color)	4288036048 (0xFF963CD0)
YUV	103.7820, 51.3795, 40.5332
Hunter-Lab	37.7754, 54.7600, -69.4258

# Details

The Hex color **963CD0** 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 **76D03C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D073FF**, and **5D0099** is the 20% darker color. If you saturate the color by 10%, you get **8E27D0**, and if you desaturate by 10%, it is **9E51D0**.

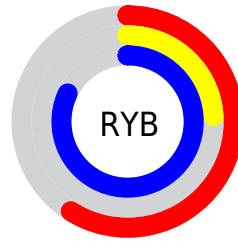
# Distribution



Red (59%)

Green (24%)

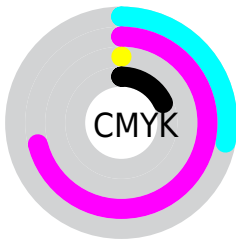
Blue (82%)



Red (59%)

Yellow (24%)

Blue (82%)

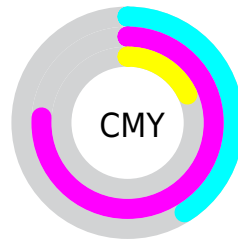


Cyan (28%)

Magenta (71%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (76%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 963CD0 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 963CD0 by changing the saturation by 10% instead.



 963CD0

 963CD0

FFFFFF

 791EB4

 D073FF

 5D0099

 EE8EFF

 40007E

 FFAAFF

 220064

 FFC6FF

 00004B

 FFE3FF

 000433

 00021D

 000000

 963CD0

 963CD0

8E27D0

9E51D0

8612D0

A666D0

7E00D0

AE7AD0

B78FD0

BFA4D0

C7B9D0

CFCED0

D7E2D0

DFF7D0

# Harmonies

## Analogous

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



0067F7



963CD0



D3008F

# Triad

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



963CD0



9D5900



00868E

# Complementary

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



963CD0



76D03C

# 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.



008443



963CD0



5F7200

# Square

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



963CD0



CB2A00



007E00



0085D0

# Rectangle

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



963CD0



E10060



007E00



008576



# Sweetspot

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



963CD0



EAC9FF



3C77D0



736080



000000



808080



# Same Dimension

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



963CD0



AA26FF



D03CC1



645E69



6600A8



190029



# Inverse Universe

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



D03C76



FF267B



3CD04B



695E62



A80042

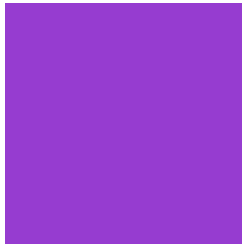


290010



# Previews

## White Background



This preview shows how the Hex color 963CD0 looks on a white background.

## Color Contrast Check

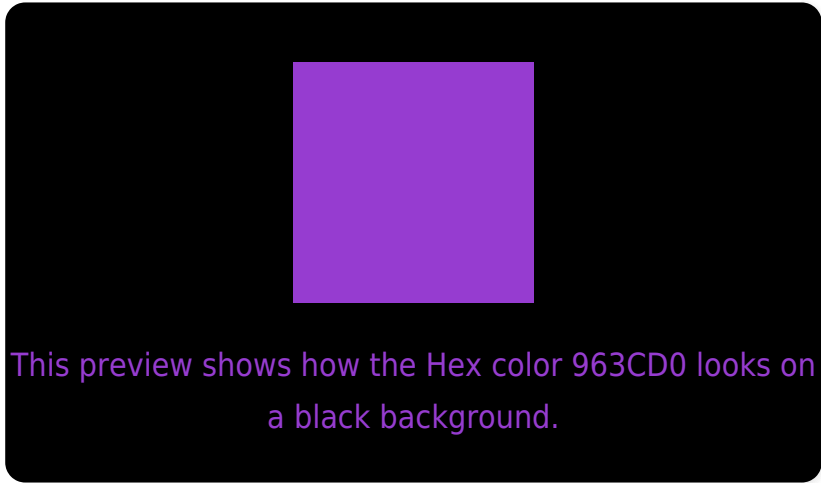
Large Text (above 18pt) WCAG AA ✓ Pass

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

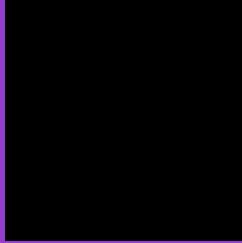
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 963CD0 Background



This preview shows how black text looks on a background with the Hex color 963CD0.

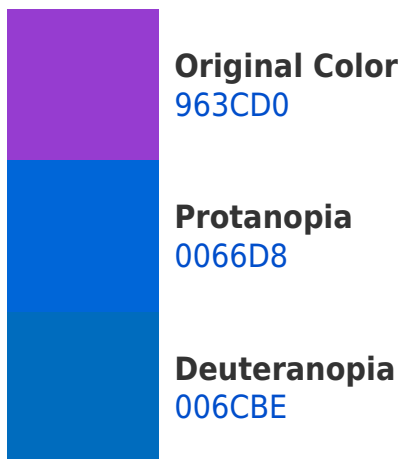


This preview shows how white text looks on a background with the Hex color 963CD0.

# 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](#).

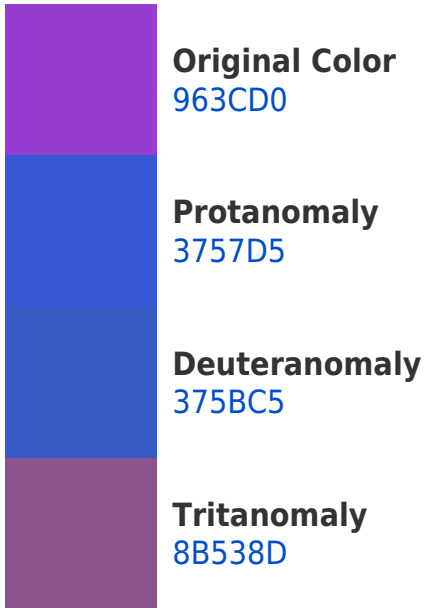
## Dichromacy



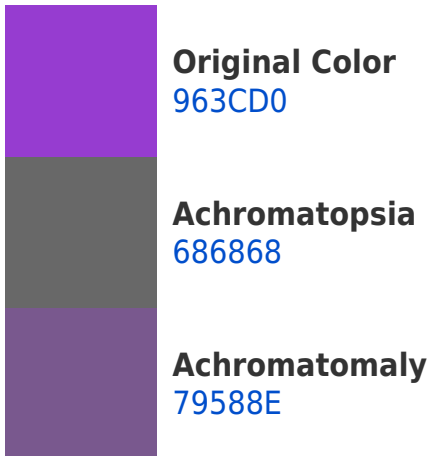


**Tritanopia**  
846067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 963CD0 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 #963CD0 looks like.

```
.text, #text, p{  
    color:#963CD0  
}
```

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 #963CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963CD0
}
```

## Border

The CSS property to change the border of an element to Hex 963CD0 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
#963CD0 }
```

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

```
.border{ border-color:#963CD0 }
```

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

Here you see how a box with a 4 pixel #963CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963CD0; -webkit-box-shadow:4px 4px  
4px 4px #963CD0; box-shadow:4px 4px 4px  
4px #963CD0 }
```

# Background

The CSS property to change the background color of an element to Hex 963CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963CD0 }
```

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

```
.background{ background-color:#963CD0 }
```

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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