

Converting Colors

Hex(963CD7)

Have a look what the booklet for
Hex(963CD7) contains.

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Color

Hex(963CD7)

Conversions

Conversions Part 1

Format	Color
Hex	963CD7
RGB	150, 60, 215
RGB Percent	59%, 24%, 84%
CMY	0.4118, 0.7647, 0.1569
CMYK	0.30, 0.72, 0.00, 0.16
HSL	275°, 66%, 54%
HSV	275°, 72%, 84%
XYZ	26.4593, 14.6220, 65.7178
YIQ	104.5800, 3.8850, 67.2850

Conversions

Conversions Part 2

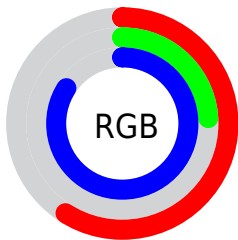
Format	Color
R _Y B	150, 60, 215
Decimal	9845975
CIE Lab	45.11, 63.06, -63.65
CIE LCh	45, 89.602, 314.732
Yxy	14.6220, 0.2477, 0.1369
Android (android.graphics.Color)	4288036055 (0xFF963CD7)
YUV	104.5800, 54.4371, 39.8333
Hunter-Lab	38.2388, 56.5950, -75.1296

Details

The Hex color **963CD7** 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 **7DD73C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D173FF**, and **5C009F** is the 20% darker color. If you saturate the color by 10%, you get **8D26D7**, and if you desaturate by 10%, it is **9F51D7**.

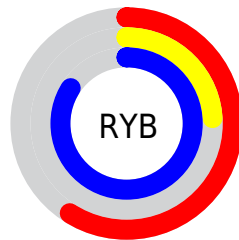
Distribution



Red (59%)

Green (24%)

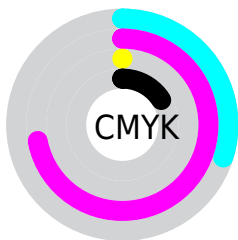
Blue (84%)



Red (59%)

Yellow (24%)

Blue (84%)

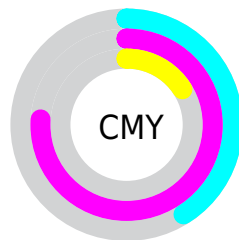


Cyan (30%)

Magenta (72%)

Yellow (0%)

Black (16%)



Cyan (41%)

Magenta (76%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 963CD7 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 963CD7 by changing the saturation by 10% instead.

963CD7

963CD7

FFFFFF

791DBB

D173FF

5C009F

EE8EFF

3F0084

FFAAFF

1F006A

FFC7FF

000051

FFE4FF

000539

000222

000009

000000

■ 963CD7

■ 963CD7

■ 8D26D7

■ 9F51D7

■ 8411D7

■ A867D7

■ 7D00D7

■ B17CD7

■ BA92D7

■ C3A8D7

■ CCBDD7

■ D5D3D7

■ DEE8D7

■ E7FED7

Harmonies

Analogous

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



0069FF



963CD7



D80094

Triad

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



963CD7



A15900



00888F

Complementary

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



963CD7



7DD73C

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.



008640



963CD7



617300

Square

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



963CD7



D02300



008000



0087D4

Rectangle

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



963CD7



E60063



008000



008775

Sweetspot

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



963CD7



E7C7FF



3C7FD7



725E80



000000



808080

Same Dimension

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



963CD7



A221FF



D73CCD



67606B



6300AB



19002B

Inverse Universe

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



D73C7D



FF217E



3CD746



6B6065



AB0048



2B0012

Previews

White Background



This preview shows how the Hex color 963CD7 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

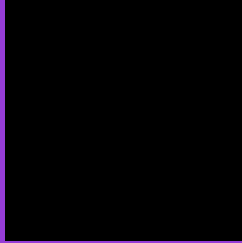
Any Text WCAG AA × Fail

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 963CD7 Background



This preview shows how black text looks on a background with the Hex color 963CD7.

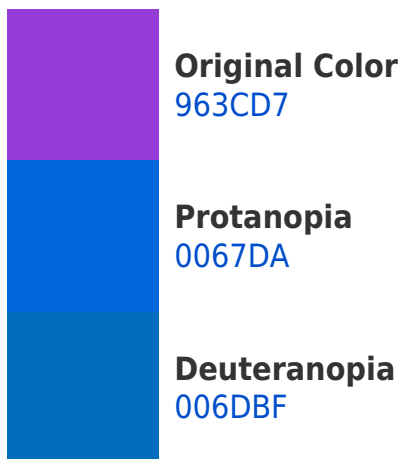



This preview shows how white text looks on a background with the Hex color 963CD7.

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](#).

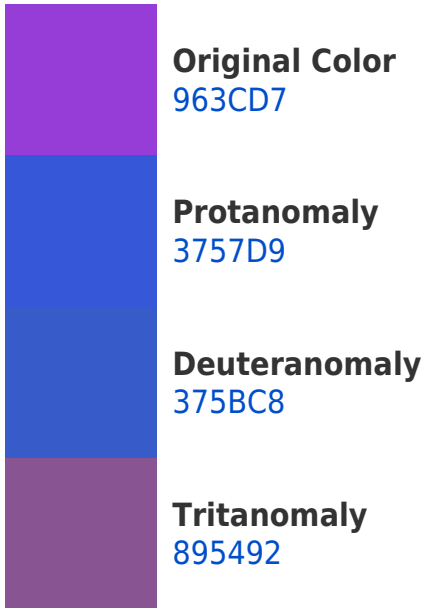
Dichromacy



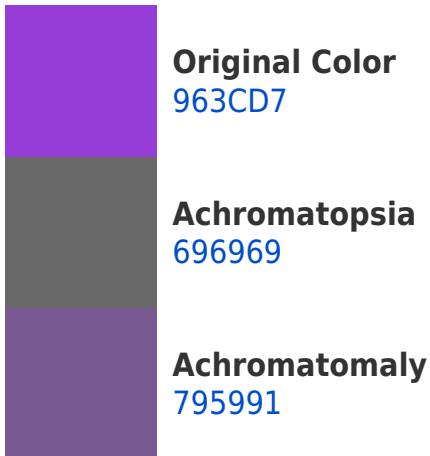


Tritanopia
82626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 963CD7 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 #963CD7 looks like.

```
.text, #text, p{  
    color:#963CD7  
}
```

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 #963CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963CD7
}
```

Border

The CSS property to change the border of an element to Hex 963CD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

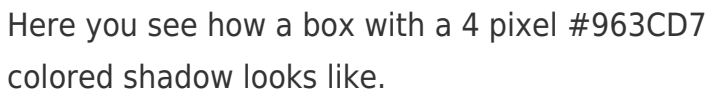
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#963CD7 }
```

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

```
.border{ border-color:#963CD7 }
```

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



Here you see how a box with a 4 pixel #963CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963CD7; -webkit-box-shadow:4px 4px  
4px 4px #963CD7; box-shadow:4px 4px 4px  
4px #963CD7 }
```

Background

The CSS property to change the background color of an element to Hex 963CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963CD7 }
```

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

```
.background{ background-color:#963CD7 }
```

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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