

Converting Colors

Hex(9D3ED6)

Have a look what the booklet for
Hex(9D3ED6) contains.

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Color

Hex(9D3ED6)

Conversions

Conversions Part 1

Format	Color
Hex	9D3ED6
RGB	157, 62, 214
RGB Percent	62%, 24%, 84%
CMY	0.3843, 0.7569, 0.1608
CMYK	0.27, 0.71, 0.00, 0.16
HSL	278°, 65%, 54%
HSV	278°, 71%, 84%
XYZ	27.7649, 15.4684, 65.1407
YIQ	107.7330, 7.8280, 67.4120

Conversions

Conversions Part 2

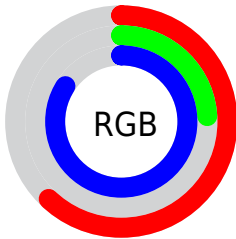
Format	Color
RYB	157, 62, 214
Decimal	10305238
CIELab	46.27, 63.36, -61.16
CIELCh	46, 88.063, 316.010
Yxy	15.4684, 0.2562, 0.1427
Android (android.graphics.Color)	4288495318 (0xFF9D3ED6)
YUV	107.7330, 52.3896, 43.2072
Hunter-Lab	39.3299, 57.1845, -70.6690

Details

The Hex color **9D3ED6** 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 **77D63E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D775FF**, and **64009E** is the 20% darker color. If you saturate the color by 10%, you get **9529D6**, and if you desaturate by 10%, it is **A553D6**.

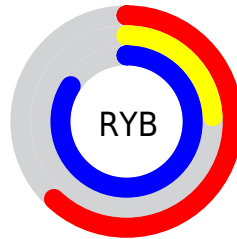
Distribution



Red (62%)

Green (24%)

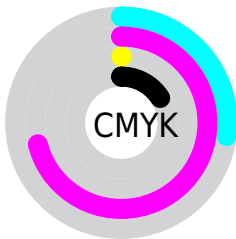
Blue (84%)



Red (62%)

Yellow (24%)

Blue (84%)

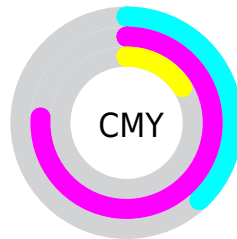


Cyan (27%)

Magenta (71%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (76%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D3ED6 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 9D3ED6 by changing the saturation by 10% instead.

 9D3ED6

 9D3ED6

FFFFFF

 801FBA

 D775FF

 64009E

 F591FF

 470083

 FFADFF

 290069


 FFC9FF

 030050

 FFE6FF

 000238

 000222

 000007

 000000

 9D3ED6

 9D3ED6

 9529D6

 A553D6

 8D13D6

 AD69D6

 8600D6

 B57ED6

 BD94D6

 C5A9D6

 CDBED6

 D5D4D6

 DDE9D6

 E5FFD6

Harmonies

Analogous

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



006AFF



9D3ED6



DB0093

Triad

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



9D3ED6



A25E00



008B95

Complementary

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



9D3ED6



77D63E

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.



008947



9D3ED6



617700

Square

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



9D3ED6



D12E00



008300



008AD8

Rectangle

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



9D3ED6



E80063



008300



008A7B

Sweetspot

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



9D3ED6



EBC9FF



3E78D6



746080



000000



808080

Same Dimension

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



9D3ED6



AE26FF



D63EC4



67606B



6B00AB



1B002B

Inverse Universe

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



D63E77



FF2678



3ED650



6B6064



AB0040



2B0010

Previews

White Background



This preview shows how the Hex color 9D3ED6 looks on a white background.

Color Contrast Check

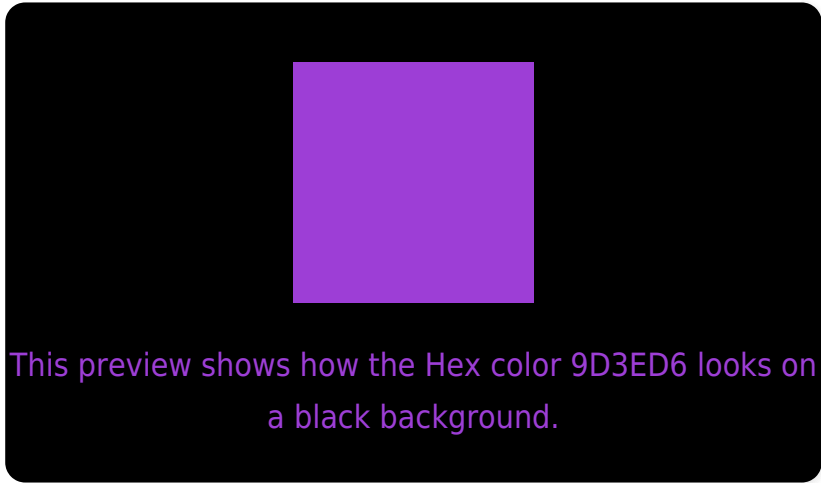
Large Text (above 18pt) WCAG AA ✓ Pass

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

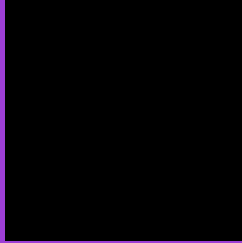
Any Text WCAG AA × Fail

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 9D3ED6 Background



This preview shows how black text looks on a background with the Hex color 9D3ED6.

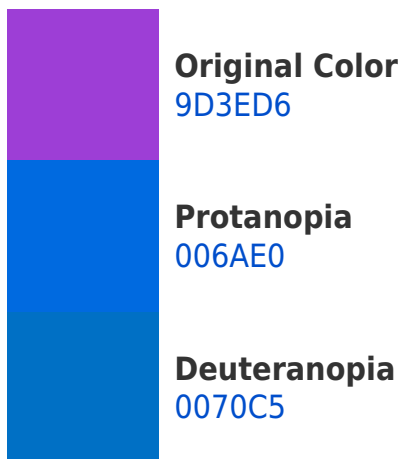



This preview shows how white text looks on a background with the Hex color 9D3ED6.

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
8B636A

Trichromacy



Original Color
9D3ED6



Protanomaly
395ADC



Deuteranomaly
395ECB



Tritanomaly
925691

Monochromacy



Original Color
9D3ED6



Achromatopsia
6C6C6C



Achromatomaly
7E5B93

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D3ED6 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 #9D3ED6 looks like.

```
.text, #text, p{  
    color:#9D3ED6  
}
```

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 #9D3ED6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D3ED6
}
```

Border

The CSS property to change the border of an element to Hex 9D3ED6 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".

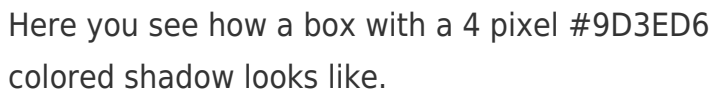
```
.border, #border, table{ border:4px solid
#9D3ED6 }
```

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

```
.border{ border-color:#9D3ED6 }
```

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

Here you see how a box with a 4 pixel #9D3ED6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D3ED6; -webkit-box-shadow:4px 4px  
4px 4px #9D3ED6; box-shadow:4px 4px 4px  
4px #9D3ED6 }
```

Background

The CSS property to change the background color of an element to Hex 9D3ED6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D3ED6 }
```

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

```
.background{ background-color:#9D3ED6 }
```

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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