

Converting Colors

Hex(963DAE)

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

Hex(963DAE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(963DAE)

Conversions

Conversions Part 1

Format	Color
Hex	963DAE
RGB	150, 61, 174
RGB Percent	59%, 24%, 68%
CMY	0.4118, 0.7608, 0.3176
CMYK	0.14, 0.65, 0.00, 0.32
HSL	287°, 48%, 46%
HSV	287°, 65%, 68%
XYZ	21.8864, 12.8775, 41.3765
YIQ	100.4930, 16.7710, 54.0110

Conversions

Conversions Part 2

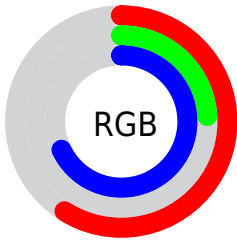
Format	Color
R _{YB}	150, 61, 174
Decimal	9846190
CIE _{Lab}	42.58, 53.97, -43.87
CIE _{LCh}	43, 69.552, 320.897
Y _{xy}	12.8775, 0.2874, 0.1691
Android (android.graphics.Color)	4288036270 (0xFF963DAE)
Y _{UV}	100.4930, 36.2390, 43.4176
Hunter-Lab	35.8852, 46.0679, -43.2430

Details

The Hex color **963DAE** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55AE3D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CF72E6**, and **5F0079** is the 20% darker color. If you saturate the color by 10%, you get **922CAE**, and if you desaturate by 10%, it is **9A4EAE**.

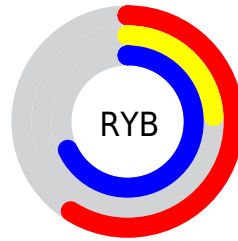
Distribution



Red (59%)

Green (24%)

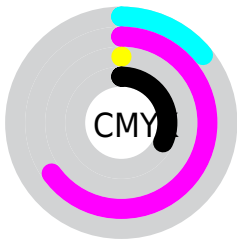
Blue (68%)



Red (59%)

Yellow (24%)

Blue (68%)

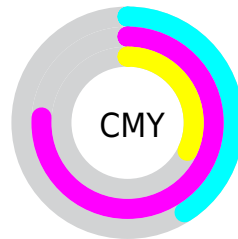


Cyan (14%)

Magenta (65%)

Yellow (0%)

Black (32%)



Cyan (41%)

Magenta (76%)

Yellow (32%)

Brightness & Saturation Gradients

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

 963DAE

 963DAE

FFFFFF

 7A2193

 CF72E6

 5F0079

 EC8EFF

 45005F

 FFA9FF

 2C0047

 FFC5FF

 0C0030

 FFE2FF

 00011A

 000000

 963DAE

 963DAE

 922CAE

 9A4EAE

8F1AAE

9D60AE

8B09AE

A171AE

8900AE

A583AE

A894AE

ACA5AE

B0B7AE

B4C8AE

B7DAAE

Harmonies

Analogous

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



235DD1



963DAE



BF1179

Triad

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



963DAE



895C00



007D8C

Complementary

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



963DAE



55AE3D

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.



007C50



963DAE



556E00

Square

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



963DAE



B03F00



00770D



007ABE

Rectangle

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



963DAE



C70752



00770D



007D79

Sweetspot

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



963DAE



DAB8E3



3D55AE



6D5873



F2F2F2



737373

Same Dimension

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



963DAE



BD32E3



AE3D8E



554E57



760096



120017

Inverse Universe

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



AE3D55



E33258



3DAE5D



574E50



960020



170005

Previews

White Background



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

Color Contrast Check

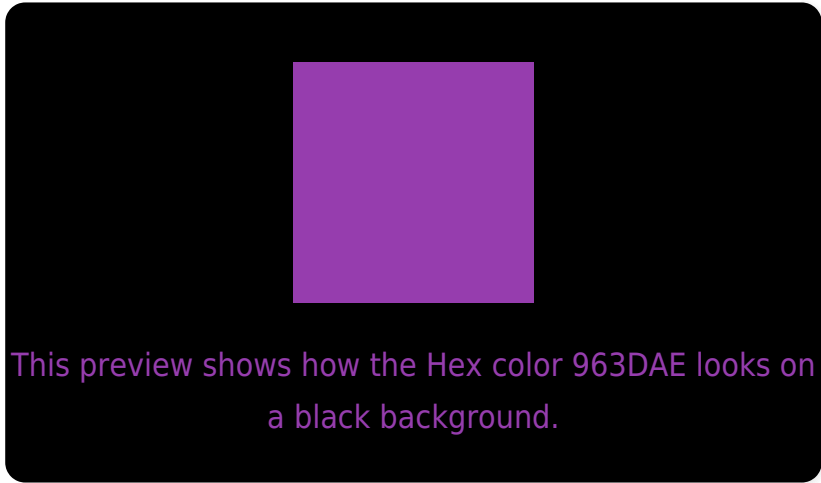
Large Text (above 18pt) WCAG AA ✓ Pass

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

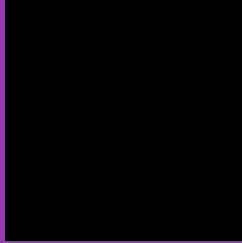
Any Text WCAG AA × Fail

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 963DAE Background



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

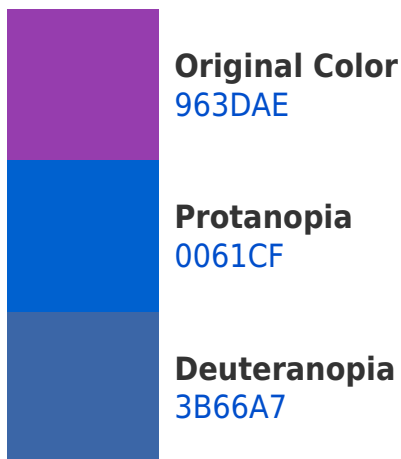



This preview shows how white text looks on a background with the Hex color 963DAE.

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](#).

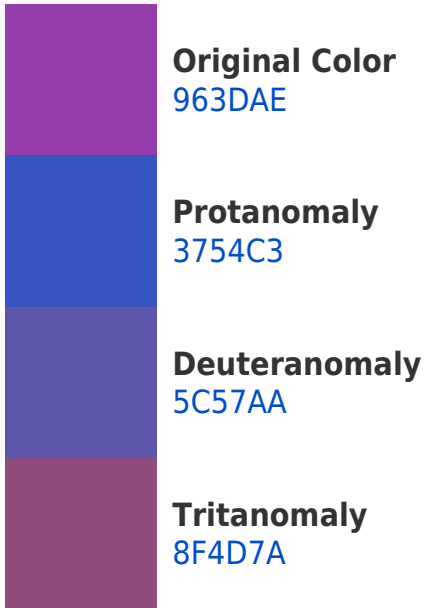
Dichromacy



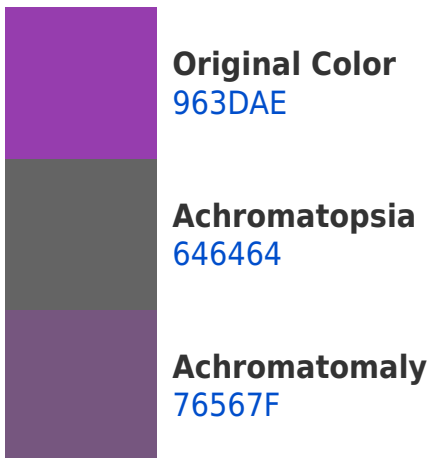


Tritanopia
8B565C

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #963DAE colored shadow looks like.

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

Border

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

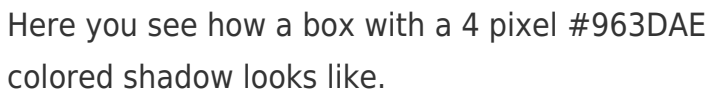
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor