

Converting Colors

Hex(964AAD)

Have a look what the booklet for
Hex(964AAD) contains.

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Color

Hex(964AAD)

Conversions

Conversions Part 1

Format	Color
Hex	964AAD
RGB	150, 74, 173
RGB Percent	59%, 29%, 68%
CMY	0.4118, 0.7098, 0.3216
CMYK	0.13, 0.57, 0.00, 0.32
HSL	286°, 40%, 48%
HSV	286°, 57%, 68%
XYZ	22.5693, 14.3987, 41.1249
YIQ	108.0100, 13.5170, 46.9010

Conversions

Conversions Part 2

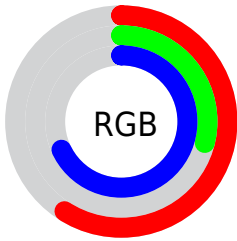
Format	Color
R _Y B	150, 74, 173
Decimal	9849517
CIE Lab	44.80, 47.55, -39.74
CIE LCh	45, 61.975, 320.113
Yxy	14.3987, 0.2890, 0.1844
Android (android.graphics.Color)	4288039597 (0xFF964AAD)
YUV	108.0100, 32.0401, 36.8252
Hunter-Lab	37.9456, 39.7632, -37.6956

Details

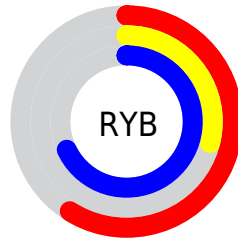
The Hex color **964AAD** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **61AD4A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **CE7EE5**, and **601478** is the 20% darker color. If you saturate the color by 10%, you get **9239AD**, and if you desaturate by 10%, it is **9A5BAD**.

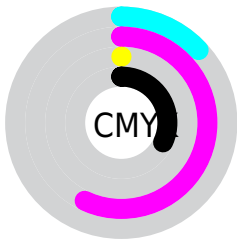
Distribution



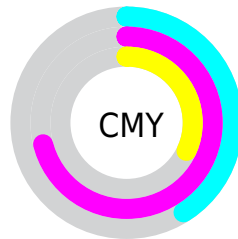
- Red (59%)
- Green (29%)
- Blue (68%)



- Red (59%)
- Yellow (29%)
- Blue (68%)



- Cyan (13%)
- Magenta (57%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (71%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 964AAD 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 964AAD by changing the saturation by 10% instead.

964AAD

964AAD

FFFFFF

7B3092

CE7EE5

601478

EB99FF

46005F

FFB5FF

2D0047

FFD1FF

13002F

FFEEFF

000119

000000

964AAD

964AAD

9239AD

9A5BAD

 8E27AD

 9E6DAD

 8A16AD

 A27EAD

 8605AD

 A68FAD

 8500AD

 AAA1AD

 AEB2AD

 B2C3AD

 B6D4AD

 BAE6AD

Harmonies

Analogous

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



3C64CC



964AAD



BC317D

Triad

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



964AAD



8F6200



00818C

Complementary

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



964AAD



61AD4A

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.



008057



964AAD



5F7200

Square

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



964AAD



B24A18



0A7B20



007EB9

Rectangle

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



964AAD



C42D5B



0A7B20



00817B

Sweetspot

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



964AAD



D8BAE0



4A61AD



6B5A70



F0F0F0



707070

Same Dimension

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



964AAD



BC46E0



AD4A93



554E57



730096



120017

Inverse Universe

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



AD4A61



E0466A



4AAD64



574E50



960023



170005

Previews

White Background



This preview shows how the Hex color 964AAD looks on a white background.

Color Contrast Check

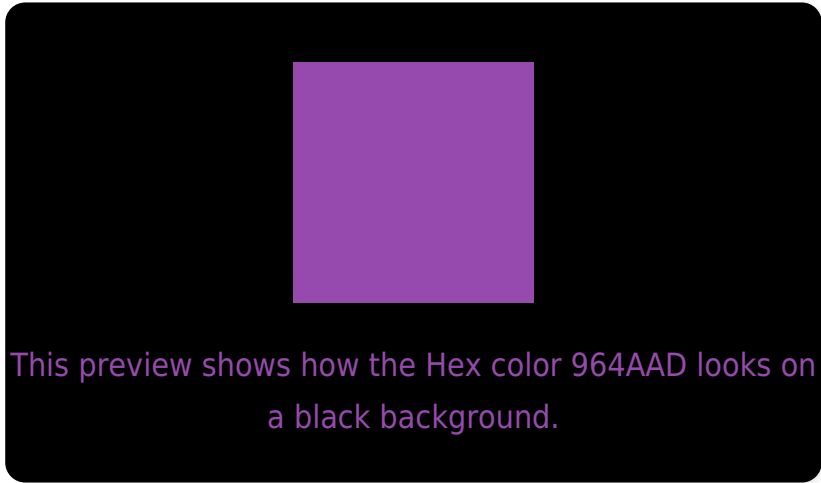
Large Text (above 18pt) WCAG AA ✓ Pass

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

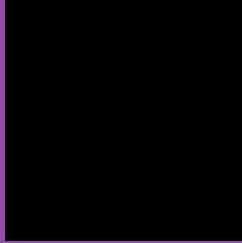
Any Text WCAG AA × Fail

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 964AAD Background



This preview shows how black text looks on a background with the Hex color 964AAD.

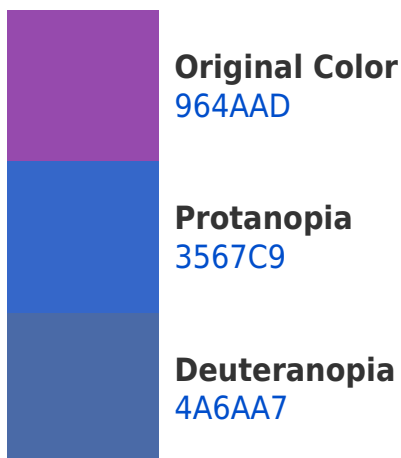


This preview shows how white text looks on a background with the Hex color 964AAD.

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](#).

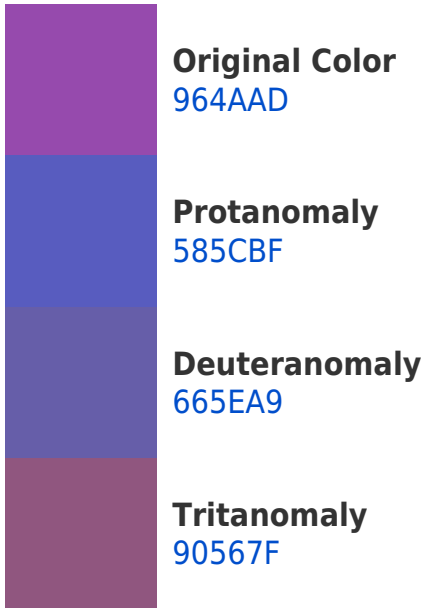
Dichromacy



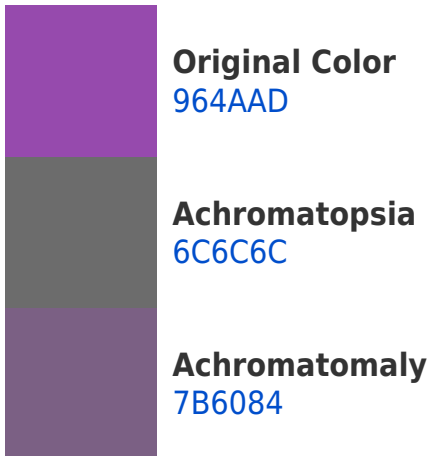


Tritanopia
8C5D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 964AAD 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 #964AAD looks like.

```
.text, #text, p{  
    color:#964AAD  
}
```

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 #964AAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964AAD
}
```

Border

The CSS property to change the border of an element to Hex 964AAD is called "border". The border property can be set on classes, ids or directly on the HTML element.

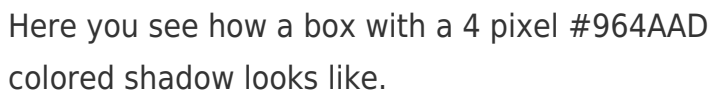
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#964AAD }
```

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

```
.border{ border-color:#964AAD }
```

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



Here you see how a box with a 4 pixel #964AAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964AAD; -webkit-box-shadow:4px 4px  
4px 4px #964AAD; box-shadow:4px 4px 4px  
4px #964AAD }
```

Background

The CSS property to change the background color of an element to Hex 964AAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964AAD }
```

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

```
.background{ background-color:#964AAD }
```

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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