

Converting Colors

Hex(964A8D)

Have a look what the booklet for
Hex(964A8D) contains.

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Color

Hex(964A8D)

Conversions

Conversions Part 1

Format	Color
Hex	964A8D
RGB	150, 74, 141
RGB Percent	59%, 29%, 55%
CMY	0.4118, 0.7098, 0.4471
CMYK	0.00, 0.51, 0.06, 0.41
HSL	307°, 34%, 44%
HSV	307°, 51%, 59%
XYZ	19.8342, 13.3047, 26.7220
YIQ	104.3620, 23.7890, 36.9490

Conversions

Conversions Part 2

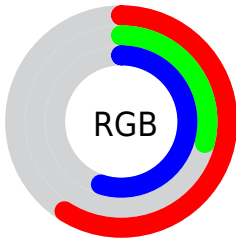
Format	Color
R_{YB}	150, 74, 141
Decimal	9849485
CIE _{Lab}	43.22, 41.32, -23.12
CIE _{LCh}	43, 47.345, 330.774
Yxy	13.3047, 0.3313, 0.2223
Android (android.graphics.Color)	4288039565 (0xFF964A8D)
YUV	104.3620, 18.0625, 40.0245
Hunter-Lab	36.4756, 33.2300, -17.9029

Details

The Hex color **964A8D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4A9653**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CE7EC3**, and **61165B** is the 20% darker color. If you saturate the color by 10%, you get **963B8B**, and if you desaturate by 10%, it is **96598F**.

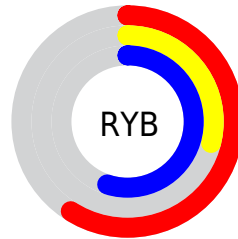
Distribution



Red (59%)

Green (29%)

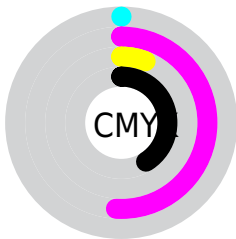
Blue (55%)



Red (59%)

Yellow (29%)

Blue (55%)

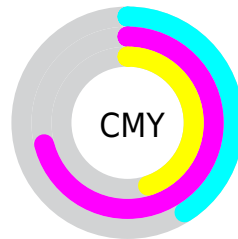


Cyan (0%)

Magenta (51%)

Yellow (6%)

Black (41%)



Cyan (41%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 964A8D 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 964A8D by changing the saturation by 10% instead.

 964A8D

 964A8D

FFFFFF

 7B3173

 CE7EC3

 61165B

 EB98DF

 470043

 FFB4FC

 30002C

 FFD0FF

 110017

 FFEDFF

 000000

 964A8D

 964A8D

 963B8B

 96598F

 962C89

 966891

961D88

967792

960E86

968694

960084

969596

96A498

96B399

96C29B

96D19D

Harmonies

Analogous

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



675BAA



964A8D



AB4067

Triad

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



964A8D



79650B



00788D

Complementary

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



964A8D



4A9653

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.



007866



964A8D



526F1C

Square

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



964A8D



985520



0B763E



0074AA

Rectangle

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



964A8D



AD424D



0B763E



007981

Sweetspot

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



964A8D



C2A5BE



534A96



614F5F



E0E0E0



616161

Same Dimension

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



964A8D



C24CB4



964A67



4A4349



8A0079



0A0009

Inverse Universe

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



964A8D



C24CB4



4A9679



4A4349



8A0079



0A0009

Previews

White Background



This preview shows how the Hex color 964A8D looks on a white background.

Color Contrast Check

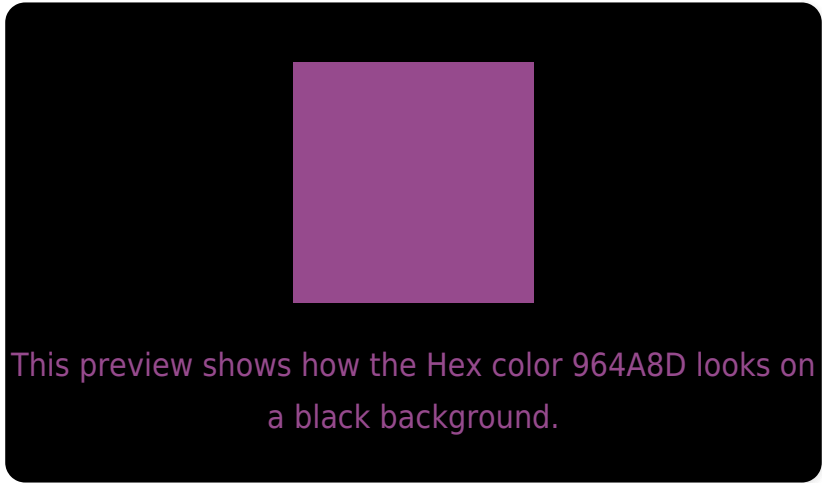
Large Text (above 18pt) WCAG AA ✓ Pass

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

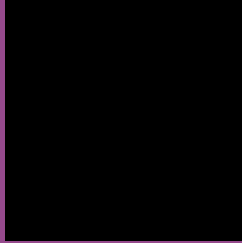
Any Text WCAG AA × Fail

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 964A8D Background



This preview shows how black text looks on a background with the Hex color 964A8D.

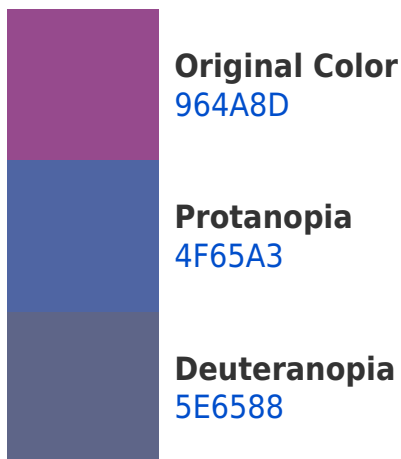



This preview shows how white text looks on a background with the Hex color 964A8D.

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
90565C

Trichromacy



Original Color
964A8D



Protanomaly
695B9B



Deuteranomaly
725B8A



Tritanomaly
92526E

Monochromacy



Original Color
964A8D



Achromatopsia
686868



Achromatomaly
795D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 964A8D 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 #964A8D looks like.

```
.text, #text, p{  
    color:#964A8D  
}
```

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 #964A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #964A8D
}
```

Border

The CSS property to change the border of an element to Hex 964A8D 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".

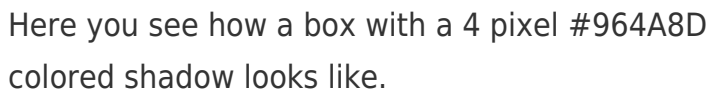
```
.border, #border, table{ border:4px solid
#964A8D }
```

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

```
.border{ border-color:#964A8D }
```

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

Here you see how a box with a 4 pixel #964A8D colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #964A8D; -webkit-box-shadow:4px 4px  
4px 4px #964A8D; box-shadow:4px 4px 4px  
4px #964A8D }
```

Background

The CSS property to change the background color of an element to Hex 964A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#964A8D }
```

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

```
.background{ background-color:#964A8D }
```

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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