

# Converting Colors

Hex(936295)

Have a look what the booklet for  
Hex(936295) contains.

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**Color**

**Hex(936295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936295
RGB	147, 98, 149
RGB Percent	58%, 38%, 58%
CMY	0.4235, 0.6157, 0.4157
CMYK	0.01, 0.34, 0.00, 0.42
HSL	298°, 21%, 48%
HSV	298°, 34%, 58%
XYZ	21.8251, 17.1083, 30.5857
YIQ	118.4650, 12.8330, 26.2490

# Conversions

## Conversions Part 2

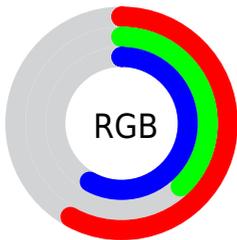
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 98, 149
Decimal	9659029
CIE <sub>Lab</sub>	48.40, 28.61, -19.96
CIE <sub>LCh</sub>	48, 34.881, 325.104
Yxy	17.1083, 0.3139, 0.2461
Android (android.graphics.Color)	4287849109 (0xFF936295)
YUV	118.4650, 15.0538, 25.0252
Hunter-Lab	41.3622, 21.8031, -14.8890

# Details

The Hex color **936295** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **649562**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CA96CB**, and **5F3262** is the 20% darker color. If you saturate the color by 10%, you get **925395**, and if you desaturate by 10%, it is **947195**.

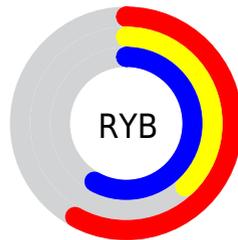
# Distribution



Red (58%)

Green (38%)

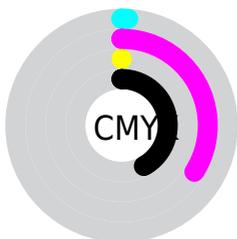
Blue (58%)



Red (58%)

Yellow (38%)

Blue (58%)

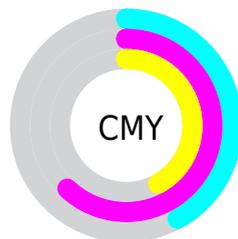


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 936295 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 936295 by changing the saturation by 10% instead.

 936295

 936295

FFFFFF

 794A7B

 CA96CB

 5F3262

 E6B0E7

 471B4A

 FFCCFF

 2F0433

 FFE8FF

 1B001E

 000000

 936295

 936295

 925395

 947195

 924495

 948095

 913595

 958F95

 912695

 959E95

 901795

 96AD95

 8F0995

 97BB95

 8F0095

 97CA95

 98D995

 98E895

# Harmonies

## Analogous

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



6E6DA8



936295



A75B79

# Triad

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



936295



897037



00828B

# Complementary

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



936295



649562

# 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.



0D826D



936295



6C793C

# Square

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



936295



9F6543



497F50



007EA3

# Rectangle

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



936295



AB5B65



497F50



008281

# Sweetspot

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



936295



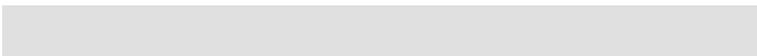
C1AEC2



626595



605561



E0E0E0



616161



# Same Dimension

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



936295



BF72C2



95627E



4A434A



84008A



0A000A



# Inverse Universe

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



956264



C27275



629579



4A4343



8A0005

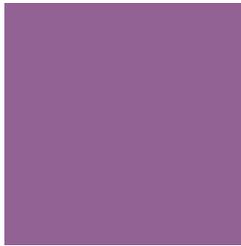


0A0000



# Previews

## White Background



This preview shows how the Hex color 936295 looks on a white background.

## Color Contrast Check

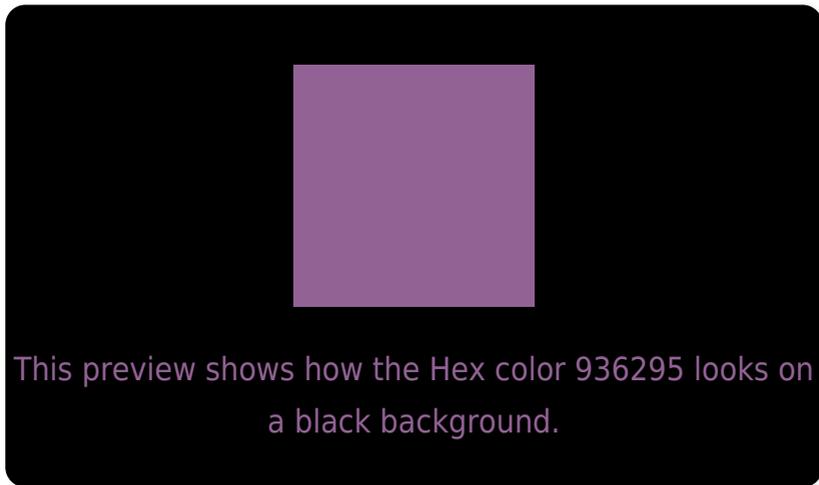
Large Text (above 18pt) WCAG AA ✓ Pass

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 936295 Background



This preview shows how black text looks on a background with the Hex color 936295.



This preview shows how white text looks on a background with the Hex color 936295.

# 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](#).

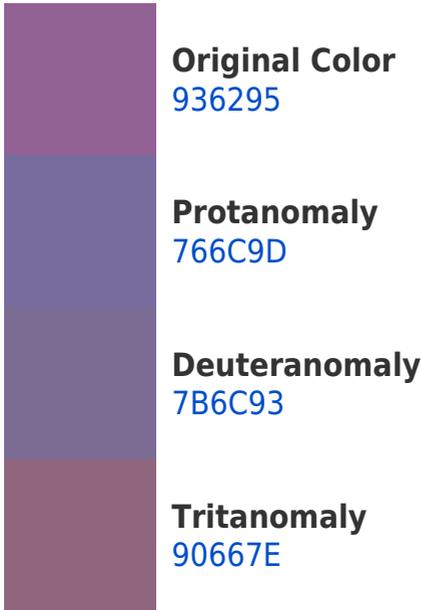
## Dichromacy



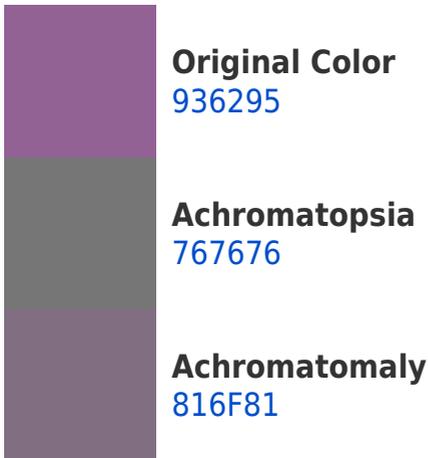


**Tritanopia**  
8E6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 936295 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 #936295 looks like.

```
.text, #text, p{  
    color:#936295  
}
```

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 #936295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #936295
}
```

## Border

The CSS property to change the border of an element to Hex 936295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

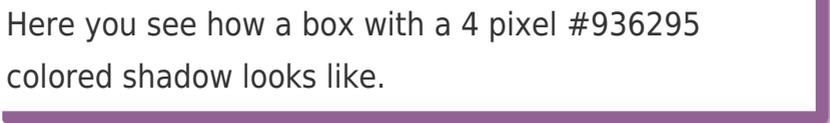
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#936295 }
```

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

```
.border{ border-color:#936295 }
```

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



Here you see how a box with a 4 pixel #936295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #936295; -webkit-box-shadow:4px 4px  
4px 4px #936295; box-shadow:4px 4px 4px  
4px #936295 }
```

# Background

The CSS property to change the background color of an element to Hex 936295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#936295 }
```

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

```
.background{ background-color:#936295 }
```

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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