

# Converting Colors

Hex(9470A5)

Have a look what the booklet for  
Hex(9470A5) contains.

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# Color

Hex(9470A5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9470A5
RGB	148, 112, 165
RGB Percent	58%, 44%, 65%
CMY	0.4196, 0.5608, 0.3529
CMYK	0.10, 0.32, 0.00, 0.35
HSL	281°, 23%, 54%
HSV	281°, 32%, 65%
XYZ	24.7984, 20.6009, 38.2667
YIQ	128.8060, 4.4430, 24.1150

# Conversions

## Conversions Part 2

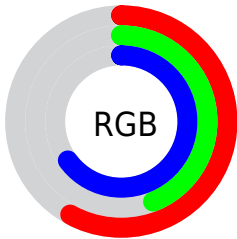
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	148, 112, 165
Decimal	9728165
CIE <sub>Lab</sub>	52.51, 24.19, -23.02
CIE <sub>LCh</sub>	53, 33.396, 316.426
Yxy	20.6009, 0.2964, 0.2462
Android (android.graphics.Color)	4287918245 (0xFF9470A5)
YUV	128.8060, 17.8436, 16.8331
Hunter-Lab	45.3882, 18.0966, -18.2155

# Details

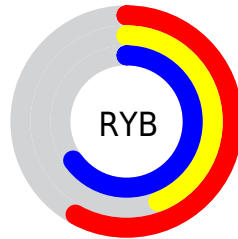
The Hex color **9470A5** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **81A570**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CBA4DC**, and **604071** is the 20% darker color. If you saturate the color by 10%, you get **8F5FA5**, and if you desaturate by 10%, it is **9981A5**.

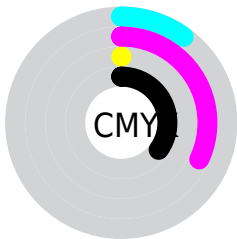
# Distribution



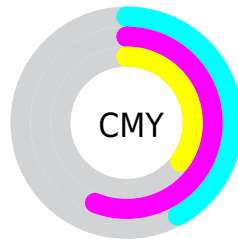
- Red (58%)
- Green (44%)
- Blue (65%)



- Red (58%)
- Yellow (44%)
- Blue (65%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (56%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9470A5 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 9470A5 by changing the saturation by 10% instead.



9470A5

9470A5

FFFFFF

7A578B

CBA4DC

604071

E7BFF9

482958

FFDBFF

301341

FFF8FF

1D002B

000115

000000

9470A5

9470A5

8F5FA5

9981A5

894FA5

9F91A5

843EA5

A4A1A5

7F2EA5

A9B2A5

7A1DA5

AEC2A5

740DA5

B4D3A5

7000A5

B9E3A5

BEF4A5

C4FFA5

# Harmonies

## Analogous

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



6C7BB4



9470A5



AD688C

# Triad

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



9470A5



9B7745



008C8D

# Complementary

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



9470A5



81A570

# 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.



388C6F



9470A5



808145

# Square

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



9470A5



AE6D55



608855



008AA6

# Rectangle

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



9470A5



B46678



608855



0E8C83



# Sweetspot

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



9470A5



CFC1D6



7082A5



675E6B



EBEBEB



6B6B6B



# Same Dimension

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



9470A5



BB83D6



A5709C



4F4952



630091



0C0012



# Inverse Universe

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



A57081



D6839D



70A579



52494C



91002F

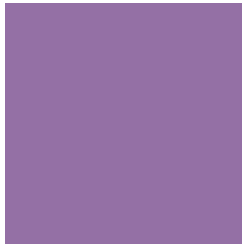


120006



# Previews

## White Background



This preview shows how the Hex color 9470A5 looks on a white background.

## Color Contrast Check

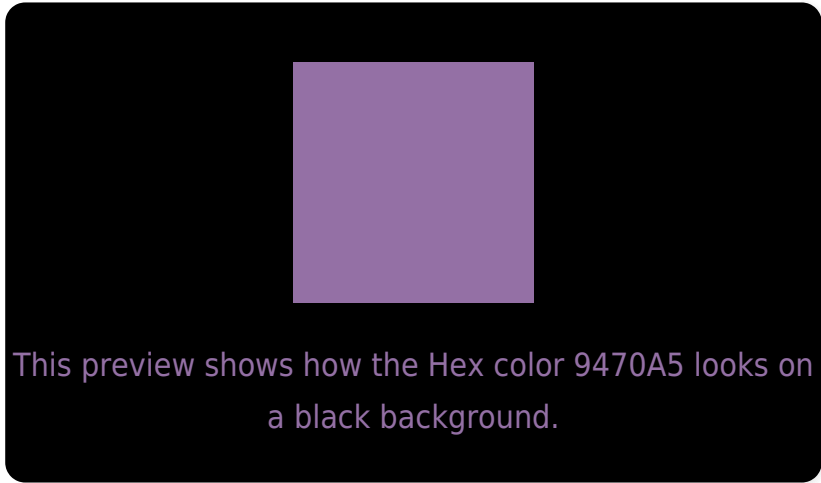
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

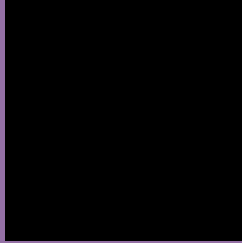
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9470A5 Background



This preview shows how black text looks on a background with the Hex color 9470A5.

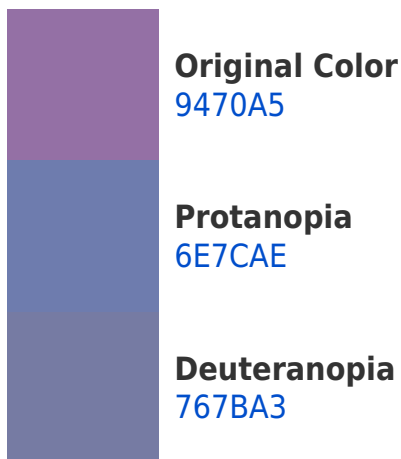


This preview shows how white text looks on a background with the Hex color 9470A5.

# 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**  
8E7780

# Trichromacy



**Original Color**  
9470A5

**Protanomaly**  
7C78AB

**Deuteranomaly**  
8177A4

**Tritanomaly**  
90748D

# Monochromacy



**Original Color**  
9470A5

**Achromatopsia**  
818181

**Achromatomaly**  
887B8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9470A5 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 #9470A5 looks like.

```
.text, #text, p{  
    color:#9470A5  
}
```

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 #9470A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9470A5
}
```

## Border

The CSS property to change the border of an element to Hex 9470A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

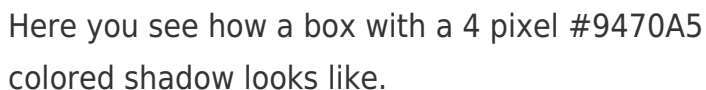
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9470A5 }
```

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

```
.border{ border-color:#9470A5 }
```

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



Here you see how a box with a 4 pixel #9470A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9470A5; -webkit-box-shadow:4px 4px  
4px 4px #9470A5; box-shadow:4px 4px 4px  
4px #9470A5 }
```

# Background

The CSS property to change the background color of an element to Hex 9470A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9470A5 }
```

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

```
.background{ background-color:#9470A5 }
```

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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