

Converting Colors

Hex(9170A7)

Have a look what the booklet for
Hex(9170A7) contains.

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Color

Hex(9170A7)

Conversions

Conversions Part 1

Format	Color
Hex	9170A7
RGB	145, 112, 167
RGB Percent	57%, 44%, 65%
CMY	0.4314, 0.5608, 0.3451
CMYK	0.13, 0.33, 0.00, 0.35
HSL	276°, 24%, 55%
HSV	276°, 33%, 65%
XYZ	24.4463, 20.3981, 39.2080
YIQ	128.1370, 2.0130, 24.1010

Conversions

Conversions Part 2

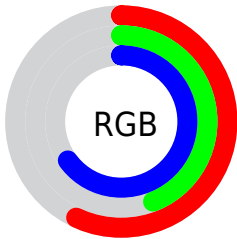
Format	Color
RYB	145, 112, 167
Decimal	9531559
CIELab	52.28, 23.65, -24.56
CIELCh	52, 34.091, 313.920
Yxy	20.3981, 0.2908, 0.2427
Android (android.graphics.Color)	4287721639 (0xFF9170A7)
YUV	128.1370, 19.1595, 14.7889
Hunter-Lab	45.1643, 17.5801, -19.8558

Details

The Hex color **9170A7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **86A770**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C8A4DE**, and **5E4073** is the 20% darker color. If you saturate the color by 10%, you get **8A5FA7**, and if you desaturate by 10%, it is **9881A7**.

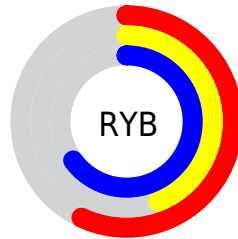
Distribution



Red (57%)

Green (44%)

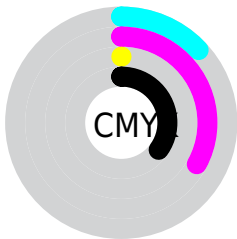
Blue (65%)



Red (57%)

Yellow (44%)

Blue (65%)

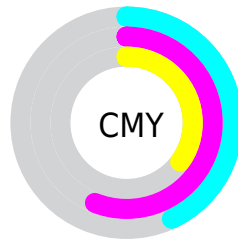


Cyan (13%)

Magenta (33%)

Yellow (0%)

Black (35%)



Cyan (43%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9170A7 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 9170A7 by changing the saturation by 10% instead.

9170A7

9170A7

FFFFFF

77578C

C8A4DE

5E4073

E4BFFB

45295A

FFDBFF

2E1342

FFF8FF

1A002C

000117

000000

9170A7

9170A7

8A5FA7

9881A7

844FA7

9E91A7

7D3EA7

A5A2A7

762DA7

ACB3A7

701CA7

B2C3A7

690CA7

B9D4A7

6400A7

C0E5A7

C6F6A7

CDFFA7

Harmonies

Analogous

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



677BB5



9170A7



AB678E

Triad

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



9170A7



9D7644



008C8A

Complementary

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



9170A7



86A770

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.



398B6C



9170A7



827F43

Square

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



9170A7



AF6B55



618751



008AA4

Rectangle

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



9170A7



B4657A



618751



0C8C80

Sweetspot

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



9170A7



D0C3D9



7086A7



68606E



EDEDED



6E6E6E

Same Dimension

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



9170A7



B682D9



A770A2



514C54



590094



0C0014

Inverse Universe

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



A77086



D982A5



70A775



544C4F



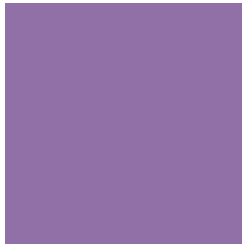
94003B



140008

Previews

White Background



This preview shows how the Hex color 9170A7 looks on a white background.

Color Contrast Check

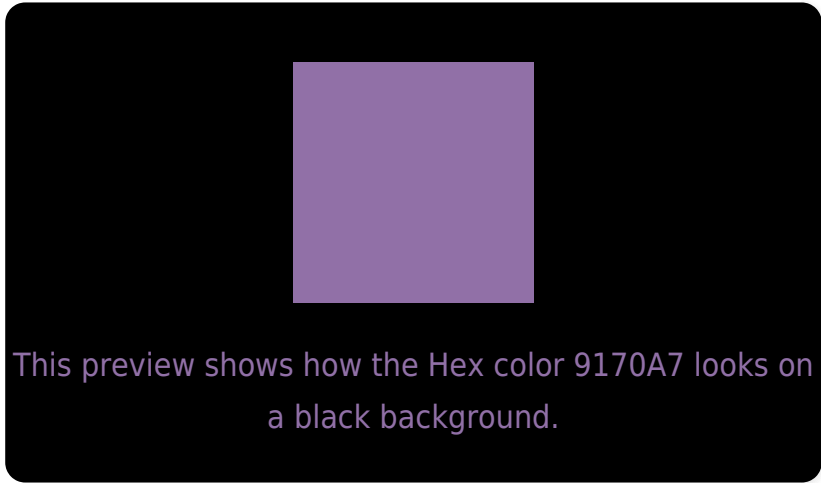
Large Text (above 18pt) WCAG AA ✓ Pass

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

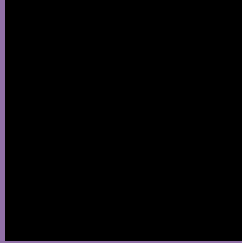
Any Text WCAG AA ✓ Pass

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 9170A7 Background



This preview shows how black text looks on a background with the Hex color 9170A7.



This preview shows how white text looks on a background with the Hex color 9170A7.

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



Original Color
9170A7

Protanopia
6D7BB0

Deuteranopia
737BA5



Tritanopia
8B7881

Trichromacy



Original Color
9170A7

Protanomaly
7A77AD

Deuteranomaly
7E77A6

Tritanomaly
8D758F

Monochromacy



Original Color
9170A7

Achromatopsia
808080

Achromatomaly
867A8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9170A7 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 #9170A7 looks like.

```
.text, #text, p{  
    color:#9170A7  
}
```

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 #9170A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9170A7
}
```

Border

The CSS property to change the border of an element to Hex 9170A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

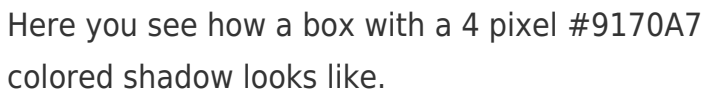
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9170A7 }
```

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

```
.border{ border-color:#9170A7 }
```

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



Here you see how a box with a 4 pixel #9170A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9170A7; -webkit-box-shadow:4px 4px  
4px 4px #9170A7; box-shadow:4px 4px 4px  
4px #9170A7 }
```

Background

The CSS property to change the background color of an element to Hex 9170A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9170A7 }
```

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

```
.background{ background-color:#9170A7 }
```

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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