

Converting Colors

Hex(975AC2)

Have a look what the booklet for
Hex(975AC2) contains.

Hex(975AC2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(975AC2)

Conversions

Conversions Part 1

Format	Color
Hex	975AC2
RGB	151, 90, 194
RGB Percent	59%, 35%, 76%
CMY	0.4078, 0.6471, 0.2392
CMYK	0.22, 0.54, 0.00, 0.24
HSL	275°, 46%, 56%
HSV	275°, 54%, 76%
XYZ	26.1563, 17.7867, 53.0935
YIQ	120.0950, 2.9720, 45.2760

Conversions

Conversions Part 2

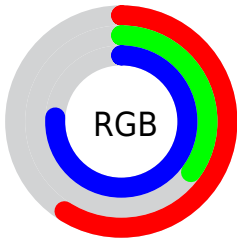
Format	Color
R_{YB}	151, 90, 194
Decimal	9919170
CIE _{Lab}	49.24, 44.03, -44.94
CIE _{LCh}	49, 62.918, 314.414
Yxy	17.7867, 0.2696, 0.1833
Android (android.graphics.Color)	4288109250 (0xFF975AC2)
YUV	120.0950, 36.4352, 27.1037
Hunter-Lab	42.1743, 36.8999, -45.1187

Details

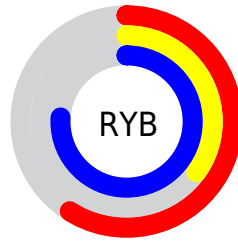
The Hex color **975AC2** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **85C25A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CF8EFB**, and **61288C** is the 20% darker color. If you saturate the color by 10%, you get **8F47C2**, and if you desaturate by 10%, it is **9F6DC2**.

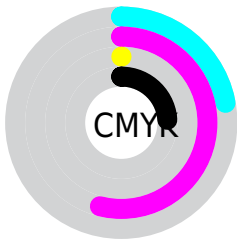
Distribution



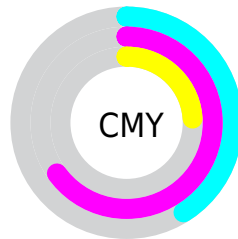
- Red (59%)
- Green (35%)
- Blue (76%)



- Red (59%)
- Yellow (35%)
- Blue (76%)



- Cyan (22%)
- Magenta (54%)
- Yellow (0%)
- Black (24%)



- Cyan (41%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 975AC2 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 975AC2 by changing the saturation by 10% instead.

975AC2

975AC2

FFFFFF

7C41A6

CF8EFB

61288C

ECA9FF

460C72

FFC5FF

2C0059

FFE1FF

160041

FFFEFF

000329

000114

000000

975AC2

975AC2

 8F47C2

 9F6DC2

 8733C2

 A781C2

 7F20C2

 AF94C2

 770CC2

 B7A8C2

 7200C2

 BFBBC2

 C7CEC2

 CFE2C2

 D7F5C2

 DFFFC2

Harmonies

Analogous

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



2473DD



975AC2



C64093

Triad

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



975AC2



A46800



008D8E

Complementary

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



975AC2



85C25A

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.



008B56



975AC2



757B00

Square

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



975AC2



C5502B



34861F



008BBF

Rectangle

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



975AC2



D2396F



34861F



008D7C

Sweetspot

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



975AC2



ECD4FC



5A85C2



756780



000000



808080

Same Dimension

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



975AC2



BA5BFC



C25AB9



5D5761



5E00A1



130021

Inverse Universe

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



C25A85



FC5B9E



5AC263



61575B



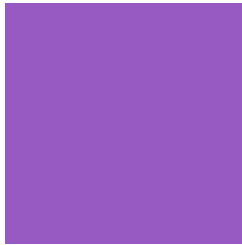
A10042



21000E

Previews

White Background



This preview shows how the Hex color 975AC2 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

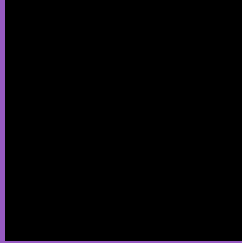
Any Text WCAG AA ✓ Pass

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 975AC2 Background



This preview shows how black text looks on a background with the Hex color 975AC2.

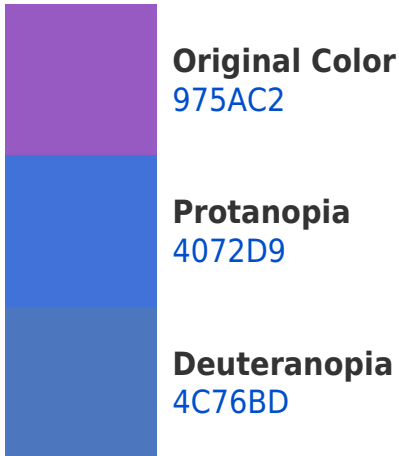



This preview shows how white text looks on a background with the Hex color 975AC2.

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](#).

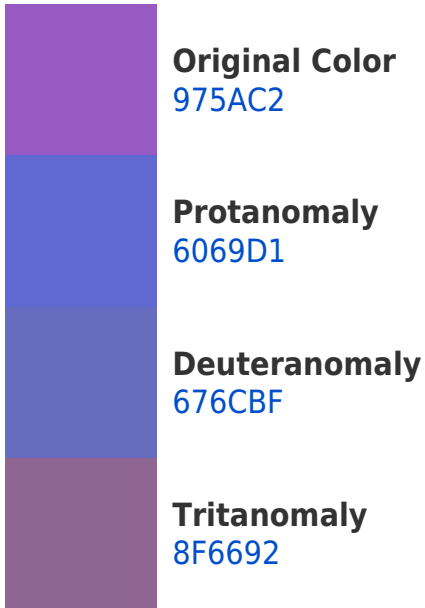
Dichromacy



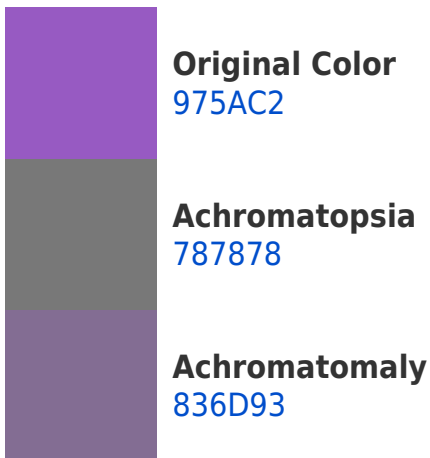


Tritanopia
8A6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 975AC2 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 #975AC2 looks like.

```
.text, #text, p{  
    color:#975AC2  
}
```

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 #975AC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #975AC2
}
```

Border

The CSS property to change the border of an element to Hex 975AC2 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
#975AC2 }
```

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

```
.border{ border-color:#975AC2 }
```

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

Here you see how a box with a 4 pixel #975AC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #975AC2; -webkit-box-shadow:4px 4px  
4px 4px #975AC2; box-shadow:4px 4px 4px  
4px #975AC2 }
```

Background

The CSS property to change the background color of an element to Hex 975AC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#975AC2 }
```

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

```
.background{ background-color:#975AC2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor