

Converting Colors

Hex(977EB3)

Have a look what the booklet for
Hex(977EB3) contains.

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Color

Hex(977EB3)

Conversions

Conversions Part 1

Format	Color
Hex	977EB3
RGB	151, 126, 179
RGB Percent	59%, 49%, 70%
CMY	0.4078, 0.5059, 0.2980
CMYK	0.16, 0.30, 0.00, 0.30
HSL	268°, 26%, 60%
HSV	268°, 30%, 70%
XYZ	28.3600, 24.7557, 45.9314
YIQ	139.5170, -2.1130, 21.7830

Conversions

Conversions Part 2

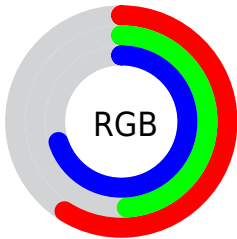
Format	Color
R_{YB}	151, 126, 179
Decimal	9928371
CIE _{Lab}	56.84, 20.16, -24.42
CIE _{LCh}	57, 31.664, 309.549
Yxy	24.7557, 0.2863, 0.2499
Android (android.graphics.Color)	4288118451 (0xFF977EB3)
YUV	139.5170, 19.4651, 10.0706
Hunter-Lab	49.7551, 14.6723, -19.9050

Details

The Hex color **977EB3** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9AB37E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CEB3EB**, and **634D7E** is the 20% darker color. If you saturate the color by 10%, you get **8E6CB3**, and if you desaturate by 10%, it is **A090B3**.

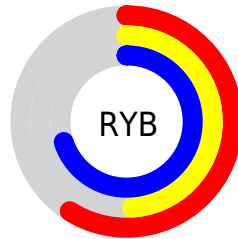
Distribution



Red (59%)

Green (49%)

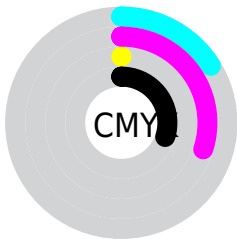
Blue (70%)



Red (59%)

Yellow (49%)

Blue (70%)

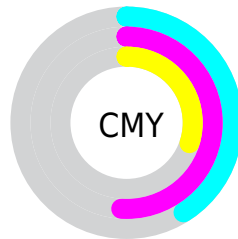


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (51%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 977EB3 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 977EB3 by changing the saturation by 10% instead.

■ 977EB3

■ 977EB3

FFFFFF

■ 7D6598

■ CEB3EB

■ 634D7E

■ EACEFF

■ 4B3665

■ FFE8FF

■ 33204D

■ 1C0B36

■ 000020

■ 000004

■ 000000

■ 977EB3

■ 977EB3

8E6CB3

A090B3

845AB3

AAA2B3

7B48B3

B3B4B3

7136B3

BDC6B3

6825B3

C6D8B3

5E13B3

D0E9B3

5501B3

D9FBB3

5400B3

E3FFB3

ECFFB3

Harmonies

Analogous

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



6F88BE



977EB3



B2769C

Triad

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



977EB3



AB8055



2B9791

Complementary

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



977EB3



9AB37E

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.



529674



977EB3



928A51

Square

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



977EB3



BB7767



74915D



1596AB

Rectangle

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



977EB3



BC738A



74915D



389787

Sweetspot

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



977EB3



DDD3E8



7E9AB3



6E6875



F5F5F5



757575

Same Dimension

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



977EB3



BC95E8



B17EB3



555059



480099



0C001A

Inverse Universe

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



B37E9A



E895C1



80B37E



595055



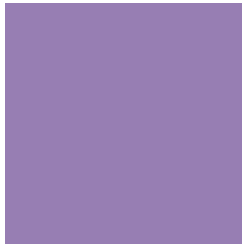
990051



1A000D

Previews

White Background



This preview shows how the Hex color 977EB3 looks on a white background.

Color Contrast Check

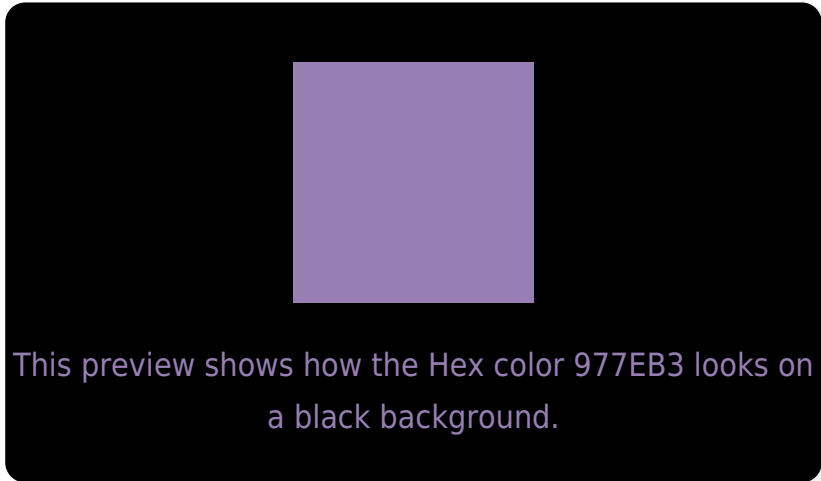
Large Text (above 18pt) WCAG AA ✓ Pass

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

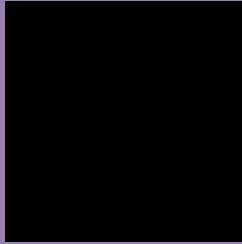
Any Text WCAG AA ✓ Pass

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 977EB3 Background



This preview shows how black text looks on a background with the Hex color 977EB3.

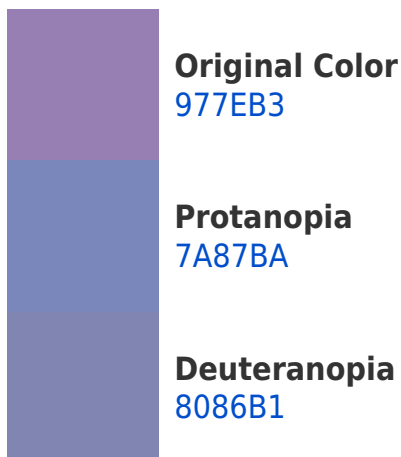



This preview shows how white text looks on a background with the Hex color 977EB3.

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
91858F

Trichromacy



Original Color
977EB3

Protanomaly
8584B7

Deuteranomaly
8883B2

Tritanomaly
93829C

Monochromacy



Original Color
977EB3

Achromatopsia
8C8C8C

Achromatomaly
90879A

CSS Examples

Text

The CSS property to change the color of the text to Hex 977EB3 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 #977EB3 looks like.

```
.text, #text, p{  
    color:#977EB3  
}
```

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 #977EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #977EB3
}
```

Border

The CSS property to change the border of an element to Hex 977EB3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

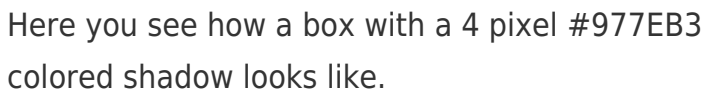
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#977EB3 }
```

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

```
.border{ border-color:#977EB3 }
```

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



Here you see how a box with a 4 pixel #977EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #977EB3; -webkit-box-shadow:4px 4px  
4px 4px #977EB3; box-shadow:4px 4px 4px  
4px #977EB3 }
```

Background

The CSS property to change the background color of an element to Hex 977EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#977EB3 }
```

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

```
.background{ background-color:#977EB3 }
```

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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