

Converting Colors

Hex(927EB6)

Have a look what the booklet for
Hex(927EB6) contains.

Hex(927EB6)	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(927EB6)

Conversions

Conversions Part 1

Format	Color
Hex	927EB6
RGB	146, 126, 182
RGB Percent	57%, 49%, 71%
CMY	0.4275, 0.5059, 0.2863
CMYK	0.20, 0.31, 0.00, 0.29
HSL	261°, 28%, 60%
HSV	261°, 31%, 71%
XYZ	27.7584, 24.4101, 47.5046
YIQ	138.3640, -6.0560, 21.6560

Conversions

Conversions Part 2

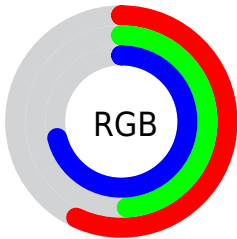
Format	Color
R_{YB}	146, 126, 182
Decimal	9600694
CIE _{Lab}	56.50, 19.25, -26.70
CIE _{LCh}	56, 32.913, 305.795
Y _{xy}	24.4101, 0.2785, 0.2449
Android (android.graphics.Color)	4287790774 (0xFF927EB6)
YUV	138.3640, 21.5125, 6.6968
Hunter-Lab	49.4066, 13.8263, -22.4229

Details

The Hex color **927EB6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A2B67E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C9B3EE**, and **5E4D81** is the 20% darker color. If you saturate the color by 10%, you get **866CB6**, and if you desaturate by 10%, it is **9E90B6**.

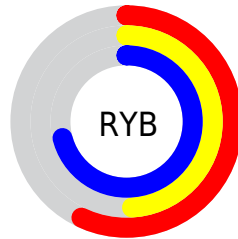
Distribution



Red (57%)

Green (49%)

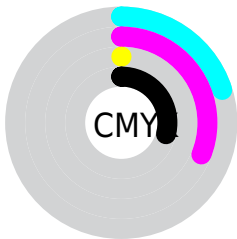
Blue (71%)



Red (57%)

Yellow (49%)

Blue (71%)

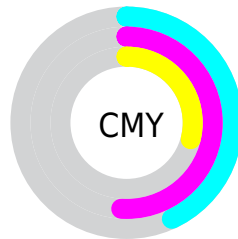


Cyan (20%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 927EB6 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 927EB6 by changing the saturation by 10% instead.

■ 927EB6

■ 927EB6

FFFFFF

■ 78659B

■ C9B3EE

■ 5E4D81

■ E5CEFF

■ 463668

■ FFEBFF

■ 2E204F

■ 170C38

■ 000022

■ 000008

■ 000000

■ 927EB6

■ 927EB6

866CB6

9E90B6

7B5AB6

A9A2B6

6F47B6

B5B5B6

6335B6

C1C7B6

5723B6

CDD9B6

4C11B6

D8EBB6

4100B6

E4FDB6

F0FFB6

FBFFB6

Harmonies

Analogous

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



6788C0



927EB6



B075A0

Triad

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



927EB6



AD7E54



28978C

Complementary

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



927EB6



A2B67E

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.



53956F



927EB6



95884E

Square

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



927EB6



BD7567



769058



0096A8

Rectangle

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



927EB6



BB718D



769058



379682

Sweetspot

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



927EB6



DFD8ED



7EA2B6



6F6B78



F7F7F7



787878

Same Dimension

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



927EB6



B595ED



AE7EB6



56535C



38009C



0A001C

Inverse Universe

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



B67EA2



ED95CE



86B67E



5C5359



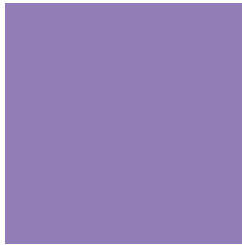
9C0064



1C0012

Previews

White Background



This preview shows how the Hex color 927EB6 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 927EB6 Background



This preview shows how black text looks on a background with the Hex color 927EB6.



This preview shows how white text looks on a background with the Hex color 927EB6.

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](#).

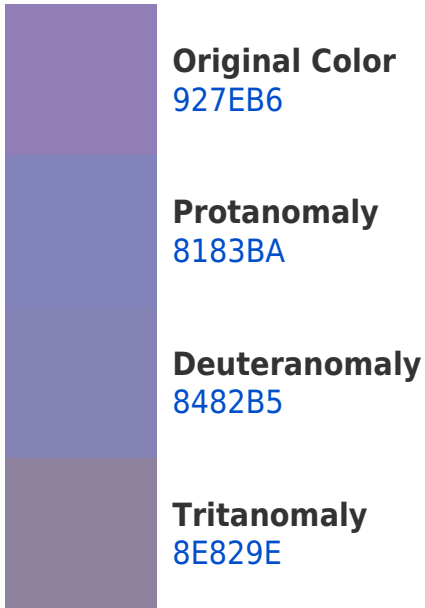
Dichromacy



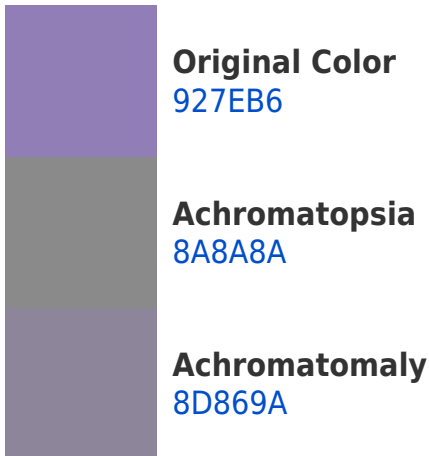


Tritanopia
8B8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 927EB6 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 #927EB6 looks like.

```
.text, #text, p{  
    color:#927EB6  
}
```

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 #927EB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #927EB6
}
```

Border

The CSS property to change the border of an element to Hex 927EB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

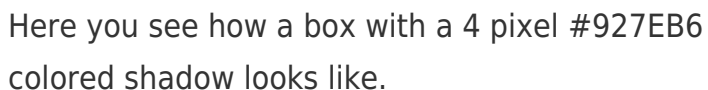
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#927EB6 }
```

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

```
.border{ border-color:#927EB6 }
```

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



Here you see how a box with a 4 pixel #927EB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #927EB6; -webkit-box-shadow:4px 4px  
4px 4px #927EB6; box-shadow:4px 4px 4px  
4px #927EB6 }
```

Background

The CSS property to change the background color of an element to Hex 927EB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#927EB6 }
```

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

```
.background{ background-color:#927EB6 }
```

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