

Converting Colors

Hex(947DC1)

Have a look what the booklet for
Hex(947DC1) contains.

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Color

Hex(947DC1)

Conversions

Conversions Part 1

Format	Color
Hex	947DC1
RGB	148, 125, 193
RGB Percent	58%, 49%, 76%
CMY	0.4196, 0.5098, 0.2431
CMYK	0.23, 0.35, 0.00, 0.24
HSL	260°, 35%, 62%
HSV	260°, 35%, 76%
XYZ	29.1720, 24.8134, 53.7040
YIQ	139.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

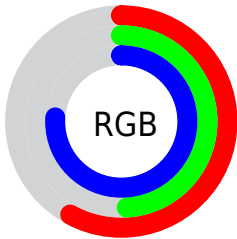
Format	Color
RYB	148, 125, 193
Decimal	9731521
CIELab	56.89, 23.08, -32.34
CIELCh	57, 39.731, 305.508
Yxy	24.8134, 0.2709, 0.2304
Android (android.graphics.Color)	4287921601 (0xFF947DC1)
YUV	139.6290, 26.3119, 7.3414
Hunter-Lab	49.8130, 17.3621, -29.0521

Details

The Hex color **947DC1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **AAC17D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CBB2FA**, and **604C8B** is the 20% darker color. If you saturate the color by 10%, you get **876AC1**, and if you desaturate by 10%, it is **A190C1**.

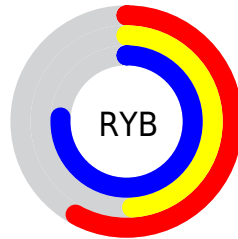
Distribution



Red (58%)

Green (49%)

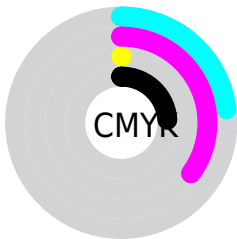
Blue (76%)



Red (58%)

Yellow (49%)

Blue (76%)

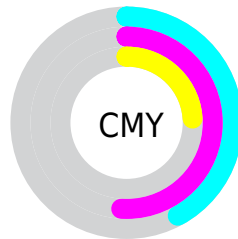


Cyan (23%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947DC1 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 947DC1 by changing the saturation by 10% instead.

■ 947DC1

■ 947DC1

FFFFFF

■ 7A64A6

■ CBB2FA

■ 604C8B

■ E8CDFF

■ 473571

■ FFEAFF

■ 2E1F59

■ 150A41

■ 00002A

■ 000114

■ 000000

■ 947DC1

■ 947DC1

876AC1

A190C1

7A56C1

AEA4C1

6E43C1

BAB7C1

6130C1

C7CAC1

541CC1

D4DEC1

4709C1

E1F1C1

4100C1

EDFFC1

FAFFC1

FFFFC1

Harmonies

Analogous

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



5B8ACD



947DC1



B971A6

Triad

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



947DC1



B57C4A



009A8E

Complementary

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



947DC1



AAC17D

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.



45986B



947DC1



988942

Square

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



947DC1



C77162



73924E



0099B0

Rectangle

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



947DC1



C66C8F



73924E



0C9A82

Sweetspot

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



947DC1



E8DEFA



7DAAC1



726D7D



FCFCFC



7D7D7D

Same Dimension

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



947DC1



B491FA



B67DC1



5A5761



3600A1



0B0021

Inverse Universe

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



C17DAA



FA91D6



88C17D



61575E



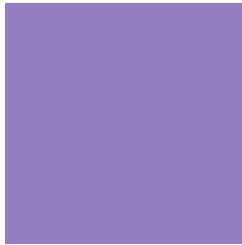
A1006A



210016

Previews

White Background



This preview shows how the Hex color 947DC1 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

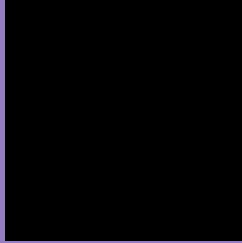
Any Text WCAG AA ✓ Pass

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 947DC1 Background



This preview shows how black text looks on a background with the Hex color 947DC1.

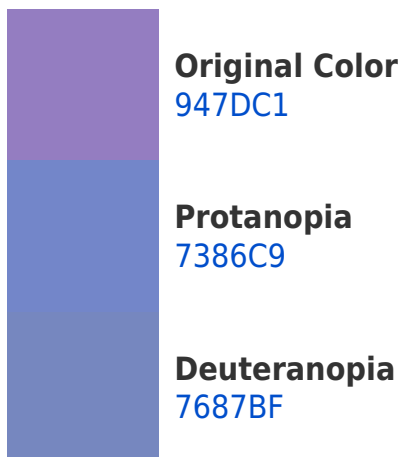


This preview shows how white text looks on a background with the Hex color 947DC1.

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](#).

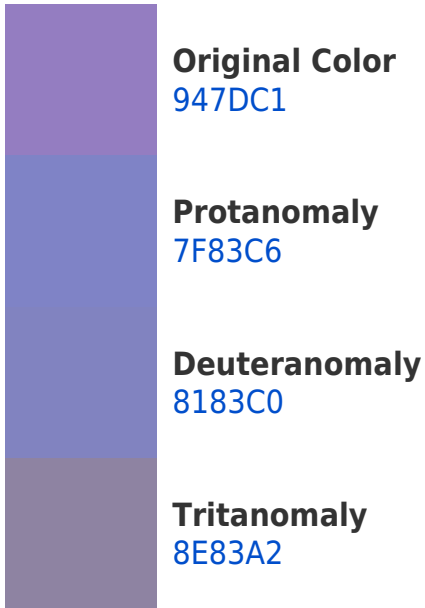
Dichromacy



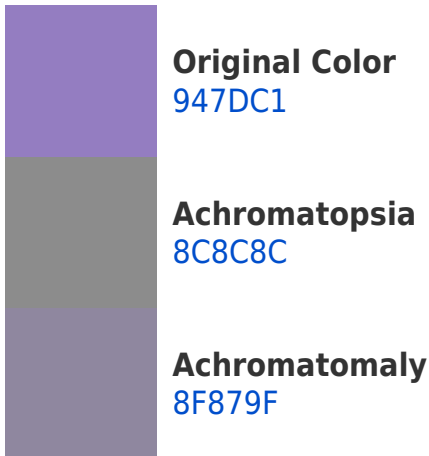


Tritanopia
8B8791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 947DC1 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 #947DC1 looks like.

```
.text, #text, p{  
    color:#947DC1  
}
```

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 #947DC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947DC1
}
```

Border

The CSS property to change the border of an element to Hex 947DC1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

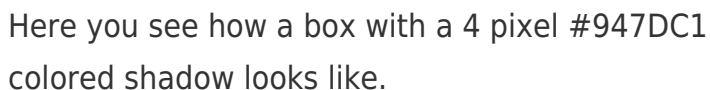
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947DC1 }
```

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

```
.border{ border-color:#947DC1 }
```

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



Here you see how a box with a 4 pixel #947DC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947DC1; -webkit-box-shadow:4px 4px  
4px 4px #947DC1; box-shadow:4px 4px 4px  
4px #947DC1 }
```

Background

The CSS property to change the background color of an element to Hex 947DC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947DC1 }
```

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

```
.background{ background-color:#947DC1 }
```

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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