

Converting Colors

Hex(957CC5)

Have a look what the booklet for
Hex(957CC5) contains.

Hex(957CC5)	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(957CC5)

Conversions

Conversions Part 1

Format	Color
Hex	957CC5
RGB	149, 124, 197
RGB Percent	58%, 49%, 77%
CMY	0.4157, 0.5137, 0.2275
CMYK	0.24, 0.37, 0.00, 0.23
HSL	261°, 39%, 63%
HSV	261°, 37%, 77%
XYZ	29.6801, 24.8361, 56.0529
YIQ	139.7970, -8.5330, 28.0030

Conversions

Conversions Part 2

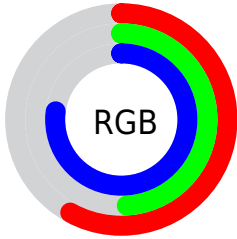
Format	Color
R_{YB}	149, 124, 197
Decimal	9796805
CIE _{Lab}	56.92, 24.93, -34.57
CIE _{LCh}	57, 42.624, 305.791
Yxy	24.8361, 0.2684, 0.2246
Android (android.graphics.Color)	4287986885 (0xFF957CC5)
YUV	139.7970, 28.2011, 8.0710
Hunter-Lab	49.8358, 19.0944, -31.8014

Details

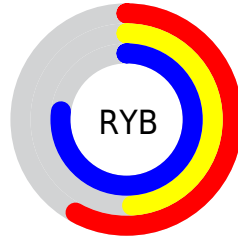
The Hex color **957CC5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **ACC57C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **CCB1FE**, and **604B8F** is the 20% darker color. If you saturate the color by 10%, you get **8868C5**, and if you desaturate by 10%, it is **A290C5**.

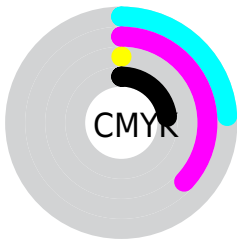
Distribution



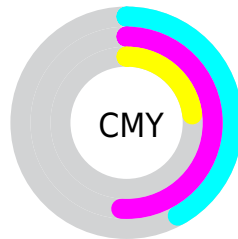
- Red (58%)
- Green (49%)
- Blue (77%)



- Red (58%)
- Yellow (49%)
- Blue (77%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (51%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 957CC5 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 957CC5 by changing the saturation by 10% instead.

957CC5

957CC5

FFFFFF

7A63AA

CCB1FE

604B8F

E9CCFF

473475

FFE9FF

2E1E5C

150944

00002D

000118

000000

957CC5

957CC5

8868C5

A290C5

7B55C5

AFA3C5

6E41C5

BCB7C5

612DC5

C9CBC5

541AC5

D6DFC5

4706C5

E3F2C5

4300C5

F0FFC5

FDFFC5

FFFFC5

Harmonies

Analogous

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



568AD2



957CC5



BC6FA8

Triad

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



957CC5



B77C45



009C8F

Complementary

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



957CC5



ACC57C

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.



3D9969



957CC5



98893C

Square

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



957CC5



CB6F5F



71934A



009AB3

Rectangle

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



957CC5



CA6A8F



71934A



009B82

Sweetspot

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



957CC5



EDE3FF



7CADC5



756F80



000000



808080

Same Dimension

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



957CC5



B58FFF



B97CC5



5D5A63



3800A3



0C0024

Inverse Universe

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



C57CAC



FF8FD9



88C57C



635A60



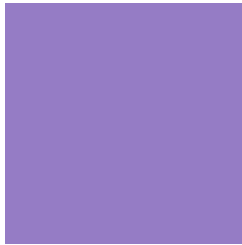
A3006B



240017

Previews

White Background



This preview shows how the Hex color 957CC5 looks on a white background.

Color Contrast Check

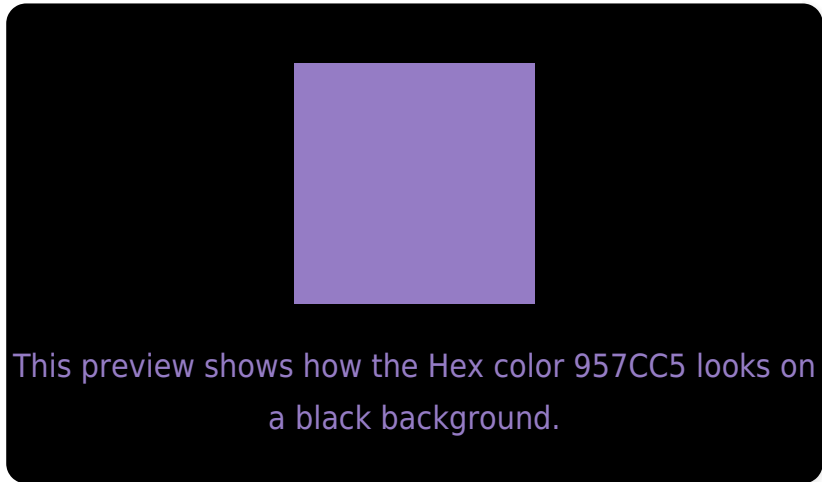
Large Text (above 18pt) WCAG AA ✓ Pass

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

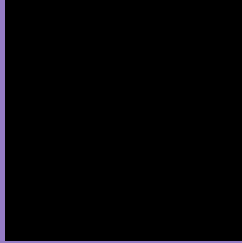
Any Text WCAG AA ✓ Pass

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 957CC5 Background



This preview shows how black text looks on a background with the Hex color 957CC5.

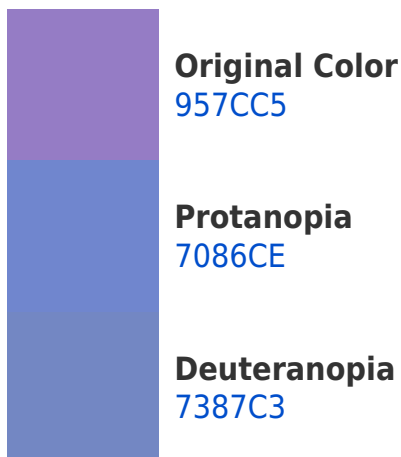



This preview shows how white text looks on a background with the Hex color 957CC5.

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](#).

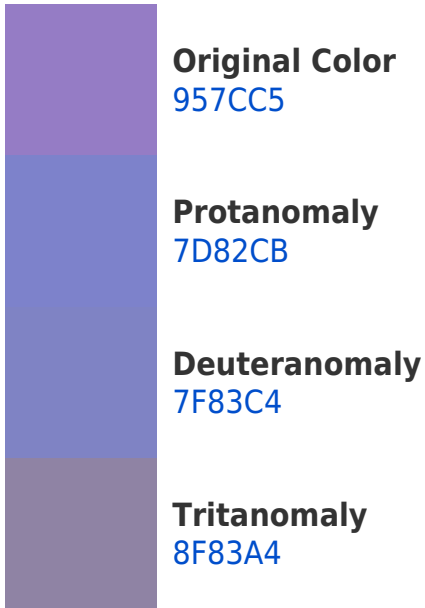
Dichromacy



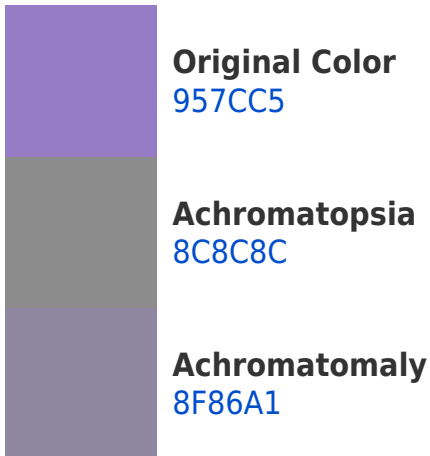


Tritanopia
8C8791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 957CC5 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 #957CC5 looks like.

```
.text, #text, p{  
    color:#957CC5  
}
```

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 #957CC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957CC5
}
```

Border

The CSS property to change the border of an element to Hex 957CC5 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
#957CC5 }
```

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

```
.border{ border-color:#957CC5 }
```

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

Here you see how a box with a 4 pixel #957CC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957CC5; -webkit-box-shadow:4px 4px  
4px 4px #957CC5; box-shadow:4px 4px 4px  
4px #957CC5 }
```

Background

The CSS property to change the background color of an element to Hex 957CC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957CC5 }
```

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

```
.background{ background-color:#957CC5 }
```

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