

Converting Colors

Hex(951CA5)

Have a look what the booklet for
Hex(951CA5) contains.

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Color

Hex(951CA5)

Conversions

Conversions Part 1

Format	Color
Hex	951CA5
RGB	149, 28, 165
RGB Percent	58%, 11%, 65%
CMY	0.4157, 0.8902, 0.3529
CMYK	0.10, 0.83, 0.00, 0.35
HSL	293°, 71%, 38%
HSV	293°, 83%, 65%
XYZ	19.6012, 9.9367, 36.4822
YIQ	79.7970, 28.1390, 68.2590

Conversions

Conversions Part 2

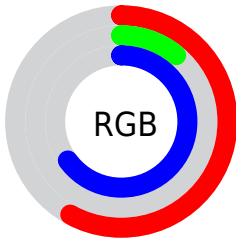
Format	Color
R_{YB}	149, 28, 165
Decimal	9772197
CIE _{Lab}	37.73, 63.82, -46.28
CIE _{LCh}	38, 78.829, 324.053
Yxy	9.9367, 0.2969, 0.1505
Android (android.graphics.Color)	4287962277 (0xFF951CA5)
YUV	79.7970, 42.0051, 60.6910
Hunter-Lab	31.5225, 55.8299, -46.5528

Details

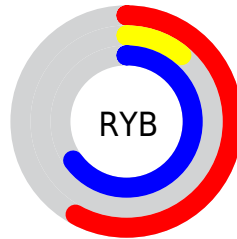
The Hex color **951CA5** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2CA51C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **CF5ADD**, and **5D0070** is the 20% darker color. If you saturate the color by 10%, you get **930BA5**, and if you desaturate by 10%, it is **972CA5**.

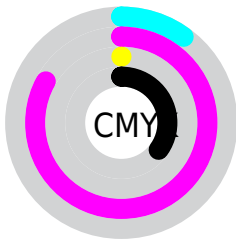
Distribution



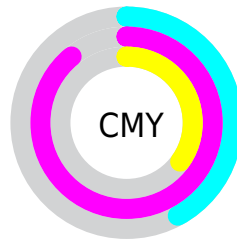
- Red (58%)
- Green (11%)
- Blue (65%)



- Red (58%)
- Yellow (11%)
- Blue (65%)



- Cyan (10%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 951CA5 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 951CA5 by changing the saturation by 10% instead.

951CA5

951CA5

FFFFFF

79008A

CF5ADD

5D0070

EC76FA

420057

FF92FF

29003F

FFAEFF

000028

FFCBFF

000111

FFE8FF

000000

951CA5

951CA5

930BA5

972CA5

■ 9200A5

■ 993DA5

■ 9B4DA5

■ 9D5EA5

■ 9F6EA5

■ A17FA5

■ A28FA5

■ A4A0A5

■ A6B0A5

Harmonies

Analogous

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



004ED0



951CA5



BD0068

Triad

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



951CA5



785200



00728C

Complementary

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



951CA5



2CA51C

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.



00704A



951CA5



3A6400

Square

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



951CA5



A52F00



006D00



0070C1

Rectangle

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



951CA5



C2003F



006D00



007276

Sweetspot

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



951CA5



D0A1D6



1C2EA5



674B6B



EBEBEB



6B6B6B

Same Dimension

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



951CA5



BD00D6



A51C73



514952



800091



100012

Inverse Universe

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



A51C2C



D60019



1CA54E



52494A



910011



120002

Previews

White Background



This preview shows how the Hex color 951CA5 looks on a white background.

Color Contrast Check

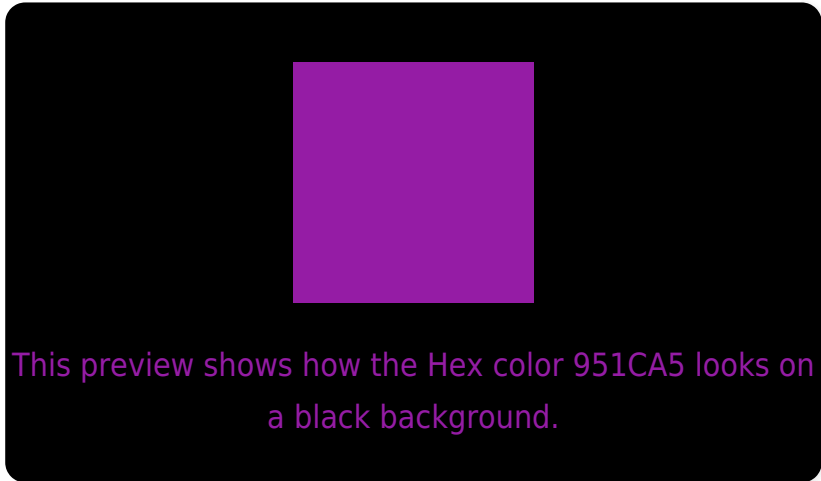
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

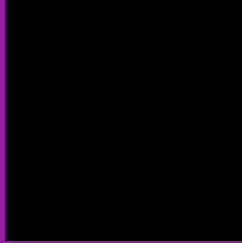
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 951CA5 Background



This preview shows how black text looks on a background with the Hex color 951CA5.

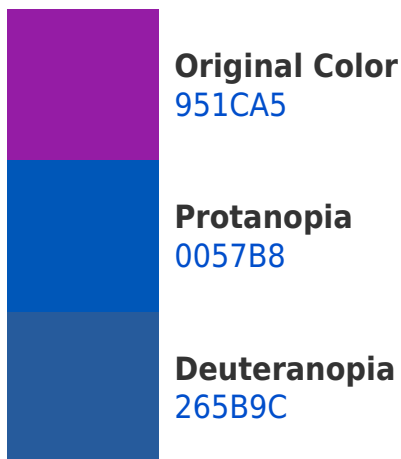



This preview shows how white text looks on a background with the Hex color 951CA5.

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
8A4549

Trichromacy



Original Color
951CA5



Protanomaly
3642B1



Deuteranomaly
4E449F



Tritanomaly
8E366A

Monochromacy



Original Color
951CA5



Achromatopsia
505050



Achromatomaly
693D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 951CA5 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 #951CA5 looks like.

```
.text, #text, p{  
    color:#951CA5  
}
```

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 #951CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #951CA5
}
```

Border

The CSS property to change the border of an element to Hex 951CA5 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
#951CA5 }
```

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

```
.border{ border-color:#951CA5 }
```

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

Here you see how a box with a 4 pixel #951CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #951CA5; -webkit-box-shadow:4px 4px  
4px 4px #951CA5; box-shadow:4px 4px 4px  
4px #951CA5 }
```

Background

The CSS property to change the background color of an element to Hex 951CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#951CA5 }
```

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

```
.background{ background-color:#951CA5 }
```

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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