

Converting Colors

Hex(951DCC)

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

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Color

Hex(951DCC)

Conversions

Conversions Part 1

Format	Color
Hex	951DCC
RGB	149, 29, 204
RGB Percent	58%, 11%, 80%
CMY	0.4157, 0.8863, 0.2000
CMYK	0.27, 0.86, 0.00, 0.20
HSL	281°, 75%, 46%
HSV	281°, 86%, 80%
XYZ	23.7329, 11.6279, 58.1203
YIQ	84.8300, 15.3450, 79.8650

Conversions

Conversions Part 2

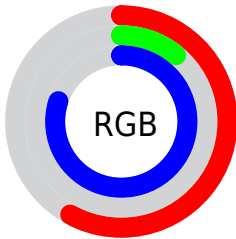
Format	Color
R_{YB}	149, 29, 204
Decimal	9772492
CIE _{Lab}	40.62, 70.81, -64.62
CIE _{LCh}	41, 95.861, 317.616
Yxy	11.6279, 0.2539, 0.1244
Android (android.graphics.Color)	4287962572 (0xFF951DCC)
YUV	84.8300, 58.7508, 56.2771
Hunter-Lab	34.0997, 64.5586, -77.1853

Details

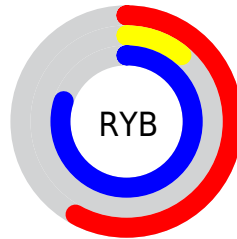
The Hex color **951DCC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **54CC1D**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D05DFF**, and **5B0095** is the 20% darker color. If you saturate the color by 10%, you get **8F09CC**, and if you desaturate by 10%, it is **9B31CC**.

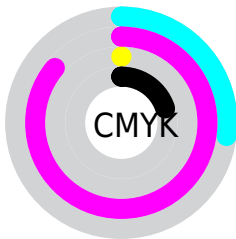
Distribution



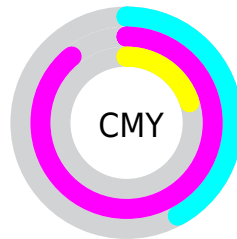
- Red (58%)
- Green (11%)
- Blue (80%)



- Red (58%)
- Yellow (11%)
- Blue (80%)



- Cyan (27%)
- Magenta (86%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (89%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 951DCC

 951DCC

FFFFFF

 7800B0

 D05DFF

 5B0095

 EE79FF

 3D007A

 FF95FF

 210060

 FFB2FF

 000047

 FFCFFF

 000430

 FFECFF

 00011A

 000000

 951DCC

 951DCC

 8F09CC

 9B31CC

 8C00CC

 A246CC

 A85ACC

 AF6FCC

 B583CC

 BB97CC

 C2ACCC

 C8C0CC

 CFD5CC

Harmonies

Analogous

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



005CFA



951DCC



D40084

Triad

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



951DCC



905100



007D8E

Complementary

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



951DCC



54CC1D

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.



007A3B



951DCC



496A00

Square

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



951DCC



C30500



007600



007CD5

Rectangle

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



951DCC



DF0050



007600



007C73

Sweetspot

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



951DCC



EABDFF



1D54CC



735880



000000



808080

Same Dimension

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



951DCC



AF00FF



CC1DAC



635C66



7200A6



1A0026

Inverse Universe

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



CC1D54



FF0050



1DCC3D



665C5F



A60034



26000C

Previews

White Background



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

Color Contrast Check

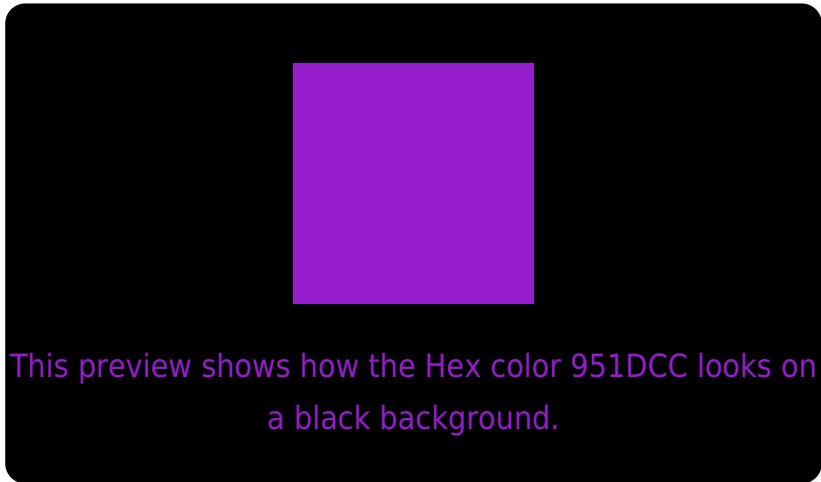
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

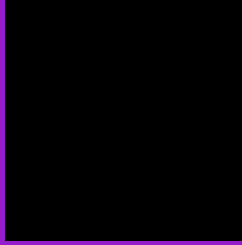
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 951DCC Background



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

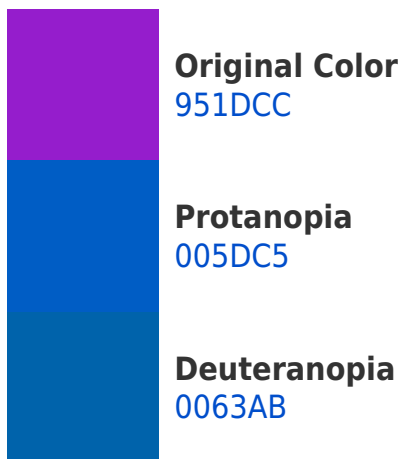


This preview shows how white text looks on a background with the Hex color 951DCC.

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](#).

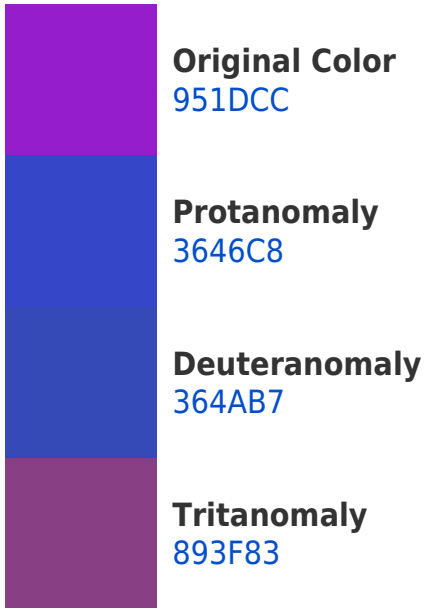
Dichromacy



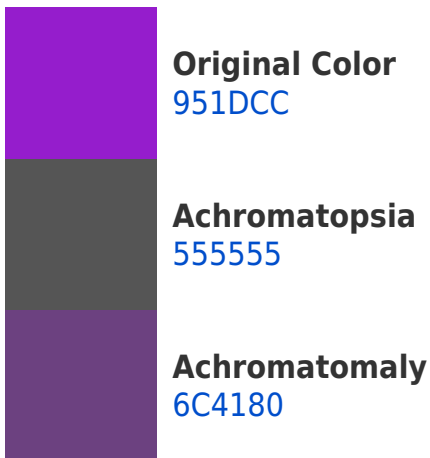


Tritanopia
825359

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #951DCC colored shadow looks like.

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

Border

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

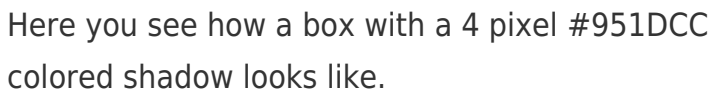
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#951DCC }
```

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

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

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



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

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

Background

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

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

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

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

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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