

Converting Colors

Hex(9950BD)

Have a look what the booklet for
Hex(9950BD) contains.

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Color

Hex(9950BD)

Conversions

Conversions Part 1

Format	Color
Hex	9950BD
RGB	153, 80, 189
RGB Percent	60%, 31%, 74%
CMY	0.4000, 0.6863, 0.2588
CMYK	0.19, 0.58, 0.00, 0.26
HSL	280°, 45%, 53%
HSV	280°, 58%, 74%
XYZ	25.1908, 16.1837, 49.9402
YIQ	114.2530, 8.5190, 49.3750

Conversions

Conversions Part 2

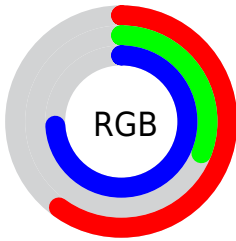
Format	Color
R _Y B	153, 80, 189
Decimal	10047677
CIE Lab	47.21, 48.70, -45.25
CIE LCh	47, 66.473, 317.102
Yxy	16.1837, 0.2759, 0.1772
Android (android.graphics.Color)	4288237757 (0xFF9950BD)
YUV	114.2530, 36.8503, 33.9811
Hunter-Lab	40.2290, 41.3733, -45.4421

Details

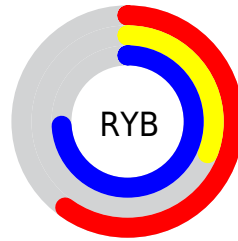
The Hex color **9950BD** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **74BD50**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D284F6**, and **631B87** is the 20% darker color. If you saturate the color by 10%, you get **933DBD**, and if you desaturate by 10%, it is **9F63BD**.

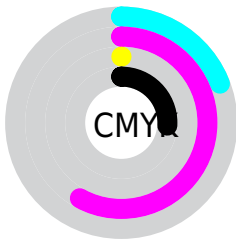
Distribution



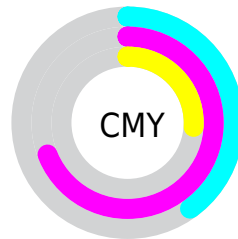
- Red (60%)
- Green (31%)
- Blue (74%)



- Red (60%)
- Yellow (31%)
- Blue (74%)



- Cyan (19%)
- Magenta (58%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9950BD 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 9950BD by changing the saturation by 10% instead.

 9950BD

 9950BD

FFFFFF

 7E36A2

 D284F6

 631B87

 EFA0FF

 48006D

 FFBBFF

 2D0054

 FFD8FF

 15003C

 FFF4FF

 000225

 00010E

 000000

 9950BD

 9950BD

933DBD

9F63BD

8D2ABD

A576BD

8617BD

AC89BD

8004BD

B29CBD

7F00BD

B8AFBD

BEC1BD

C5D4BD

CBE7BD

D1FABD

Harmonies

Analogous

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



226CDC



9950BD



C6328B

Triad

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



9950BD



9B6500



00898F

Complementary

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



9950BD



74BD50

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.



008755



9950BD



6A7700

Square

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



9950BD



C04A1D



198218



0086C1

Rectangle

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



9950BD



D12B65



198218



00887C

Sweetspot

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



9950BD



E7CBF5



5074BD



72627A



FAFAFA



7A7A7A

Same Dimension

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



9950BD



BD4CF5



BD50AB



5B555E



6A009E



14001F

Inverse Universe

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



BD5074



F54C84



50BD62



5E5558



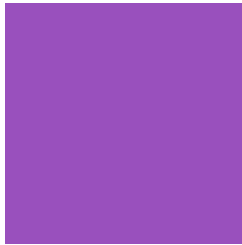
9E0034



1F000A

Previews

White Background



This preview shows how the Hex color 9950BD looks on a white background.

Color Contrast Check

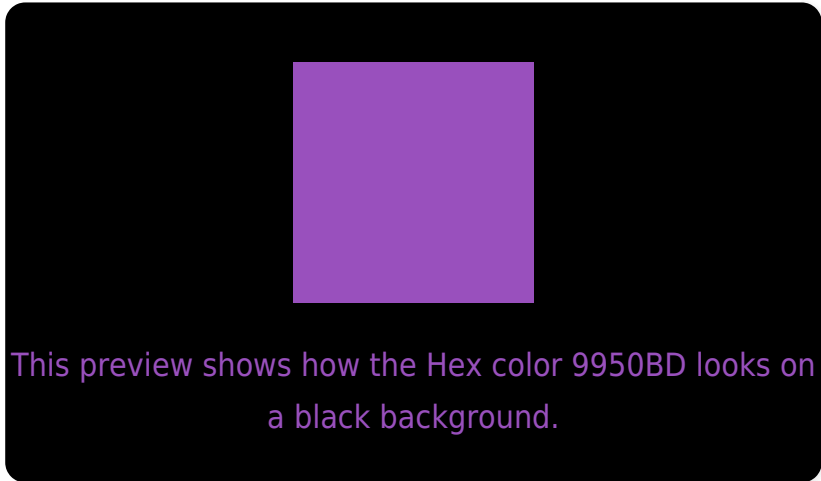
Large Text (above 18pt) WCAG AA ✓ Pass

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

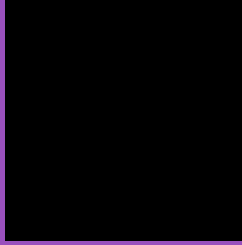
Any Text WCAG AA × Fail

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 9950BD Background



This preview shows how black text looks on a background with the Hex color 9950BD.

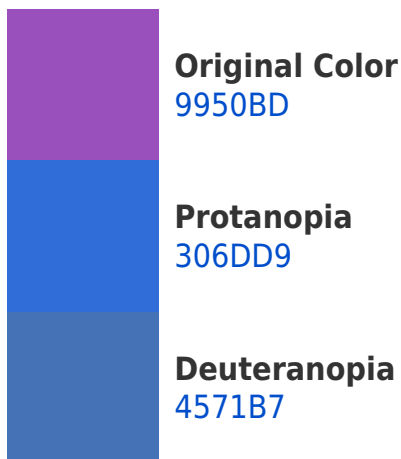



This preview shows how white text looks on a background with the Hex color 9950BD.

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](#).

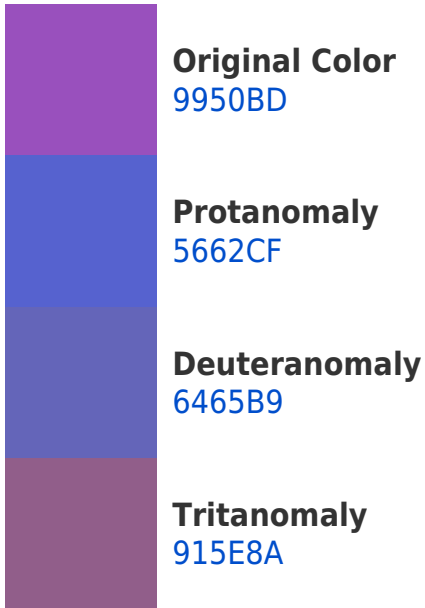
Dichromacy



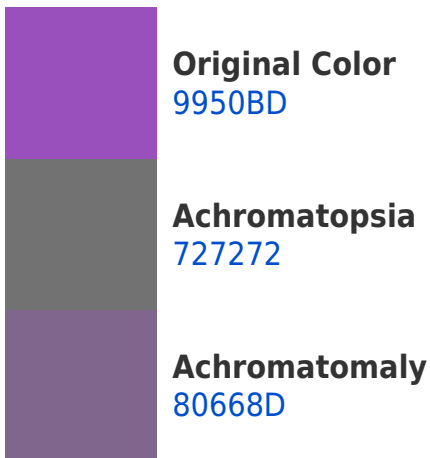


Tritanopia
8D666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9950BD 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 #9950BD looks like.

```
.text, #text, p{  
    color:#9950BD  
}
```

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 #9950BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9950BD
}
```

Border

The CSS property to change the border of an element to Hex 9950BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

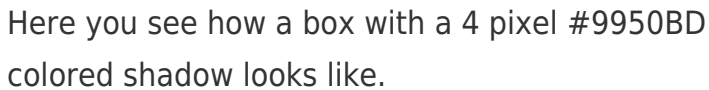
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9950BD }
```

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

```
.border{ border-color:#9950BD }
```

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



Here you see how a box with a 4 pixel #9950BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9950BD; -webkit-box-shadow:4px 4px  
4px 4px #9950BD; box-shadow:4px 4px 4px  
4px #9950BD }
```

Background

The CSS property to change the background color of an element to Hex 9950BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9950BD }
```

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

```
.background{ background-color:#9950BD }
```

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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