

# Converting Colors

Hex(7950AF)

Have a look what the booklet for  
Hex(7950AF) contains.

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**Color**

**Hex(7950AF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7950AF
RGB	121, 80, 175
RGB Percent	47%, 31%, 69%
CMY	0.5255, 0.6863, 0.3137
CMYK	0.31, 0.54, 0.00, 0.31
HSL	266°, 37%, 50%
HSV	266°, 54%, 69%
XYZ	18.4917, 12.8974, 42.0723
YIQ	103.0890, -6.0590, 38.2370

# Conversions

## Conversions Part 2

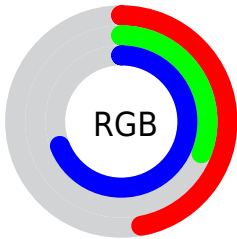
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 80, 175
Decimal	7950511
CIE <sub>Lab</sub>	42.61, 37.10, -44.62
CIE <sub>LCh</sub>	43, 58.032, 309.741
Yxy	12.8974, 0.2517, 0.1756
Android (android.graphics.Color)	4286140591 (0xFF7950AF)
YUV	103.0890, 35.4521, 15.7079
Hunter-Lab	35.9130, 29.0624, -44.3195

# Details

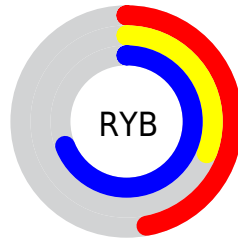
The Hex color **7950AF** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **86AF50**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B083E7**, and **44207A** is the 20% darker color. If you saturate the color by 10%, you get **6F3FAF**, and if you desaturate by 10%, it is **8362AF**.

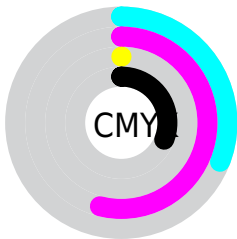
# Distribution



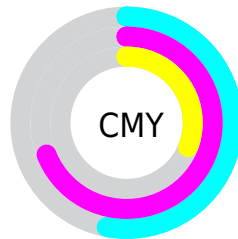
- Red (47%)
- Green (31%)
- Blue (69%)



- Red (47%)
- Yellow (31%)
- Blue (69%)



- Cyan (31%)
- Magenta (54%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (69%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7950AF 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 7950AF by changing the saturation by 10% instead.



7950AF

7950AF

FFFFFF

5E3894

B083E7

44207A

CC9DFF

290860

E9B8FF

0F0048

FFD4FF

000031

FFF1FF

00011B

000000

7950AF

7950AF

6F3FAF

8362AF

652DAF

8D73AF

5B1CAF

9785AF

510AAF

A196AF

4C00AF

ABA8AF

B5B9AF

BFCBAF

C9DCAF

D3EEAF

# Harmonies

## Analogous

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



0065C4



7950AF



A93787

# Triad

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



7950AF



945600



007A73

# Complementary

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



7950AF



86AF50

# 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.



007841



7950AF



6C6700

# Square

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



7950AF



AF3F29



35720C



0079A1

# Rectangle

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



7950AF



B62E67



35720C



007A63



# Sweetspot

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



7950AF



CEBFE3



5087AF



665D73



F2F2F2



737373



# Same Dimension

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



7950AF



8F4FE3



A750AF



524E57



410096



0A0017



# Inverse Universe

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



AF5086



E34FA3



58AF50



574E53



960056

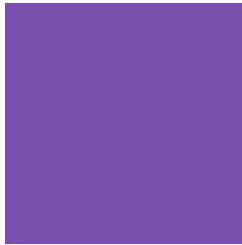


17000D



# Previews

## White Background



This preview shows how the Hex color 7950AF looks on a white background.

## Color Contrast Check

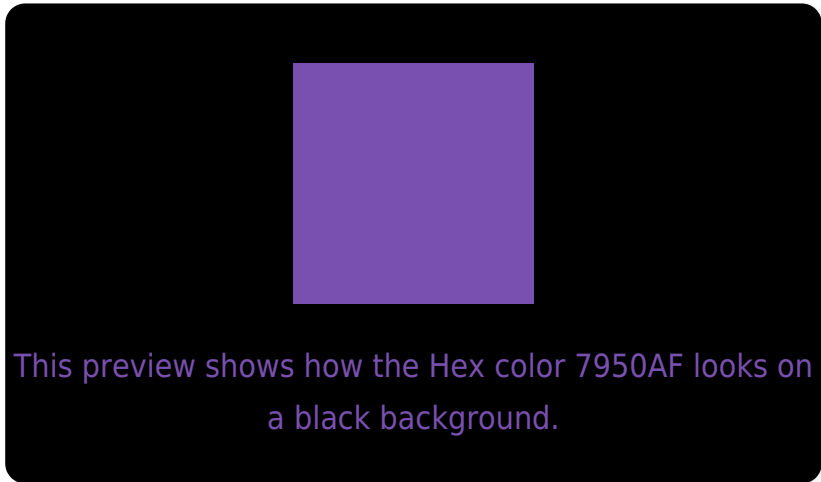
Large Text (above 18pt) WCAG AA ✓ Pass

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

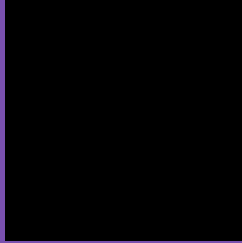
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7950AF Background



This preview shows how black text looks on a background with the Hex color 7950AF.

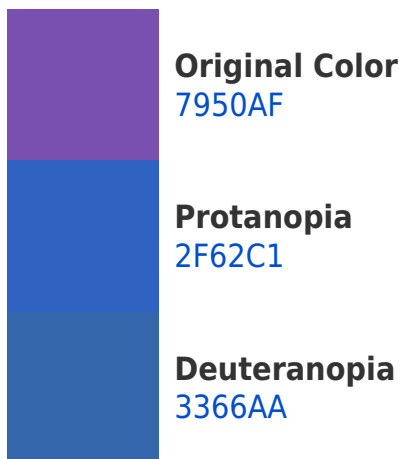


This preview shows how white text looks on a background with the Hex color 7950AF.

# 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**  
6C6269

# Trichromacy



**Original Color**  
7950AF

**Protanomaly**  
4A5BBA

**Deuteranomaly**  
4C5EAC

**Tritanomaly**  
715B82

# Monochromacy



**Original Color**  
7950AF

**Achromatopsia**  
676767

**Achromatomaly**  
6E5F81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7950AF 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 #7950AF looks like.

```
.text, #text, p{  
    color:#7950AF  
}
```

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 #7950AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7950AF
}
```

## Border

The CSS property to change the border of an element to Hex 7950AF 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
#7950AF }
```

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

```
.border{ border-color:#7950AF }
```

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

Here you see how a box with a 4 pixel #7950AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7950AF; -webkit-box-shadow:4px 4px  
4px 4px #7950AF; box-shadow:4px 4px 4px  
4px #7950AF }
```

# Background

The CSS property to change the background color of an element to Hex 7950AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7950AF }
```

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

```
.background{ background-color:#7950AF }
```

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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