

# Converting Colors

Hex(7258AB)

Have a look what the booklet for  
Hex(7258AB) contains.

<b>Hex(7258AB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7258AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7258AB
RGB	114, 88, 171
RGB Percent	45%, 35%, 67%
CMY	0.5529, 0.6549, 0.3294
CMYK	0.33, 0.49, 0.00, 0.33
HSL	259°, 33%, 51%
HSV	259°, 49%, 67%
XYZ	17.7798, 13.4971, 40.1962
YIQ	105.2360, -11.1470, 31.3250

# Conversions

## Conversions Part 2

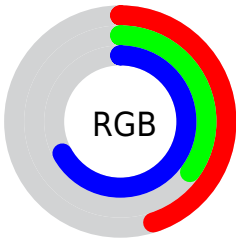
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 88, 171
Decimal	7493803
CIE <sub>Lab</sub>	43.50, 29.48, -40.88
CIE <sub>LCh</sub>	44, 50.402, 305.794
Yxy	13.4971, 0.2488, 0.1888
Android (android.graphics.Color)	4285683883 (0xFF7258AB)
YUV	105.2360, 32.4217, 7.6860
Hunter-Lab	36.7384, 22.0941, -39.1533

# Details

The Hex color **7258AB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **91AB58**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A88AE3**, and **3E2A76** is the 20% darker color. If you saturate the color by 10%, you get **6647AB**, and if you desaturate by 10%, it is **7E69AB**.

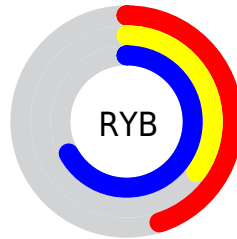
# Distribution



Red (45%)

Green (35%)

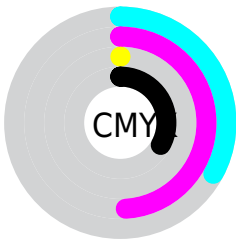
Blue (67%)



Red (45%)

Yellow (35%)

Blue (67%)

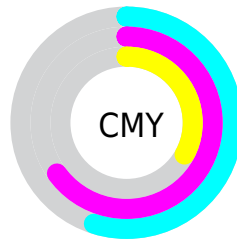


Cyan (33%)

Magenta (49%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (65%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7258AB 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 7258AB by changing the saturation by 10% instead.



7258AB

7258AB

FFFFFF

584090

A88AE3

3E2A76

C4A5FF

23145D

E1C0FF

070045

FEDCFF

00022E

FFF9FF

000118

000000

7258AB

7258AB

6647AB

7E69AB

■ 5B36AB

■ 897AAB

■ 4F25AB

■ 958BAB

■ 4314AB

■ A19CAB

■ 3703AB

■ ADADAB

■ 3600AB

■ B8BFAB

■ C4D0AB

■ D0E1AB

■ DCF2AB

# Harmonies

## Analogous

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



0069BA



7258AB



9F458A

# Triad

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



7258AB



965815



007A6E

# Complementary

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



7258AB



91AB58

# 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.



007843



7258AB



746700

# Square

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



7258AB



AC4638



48721B



007997

# Rectangle

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



7258AB



AE3D6E



48721B



007A5F



# Sweetspot

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



7258AB



C7BDDE



5892AB



625C70



F0F0F0



707070



# Same Dimension

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



7258AB



855DDE



9A58AB



514E57



2F0096



070017



# Inverse Universe

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



AB5891



DE5DB6



69AB58



574E54



960067

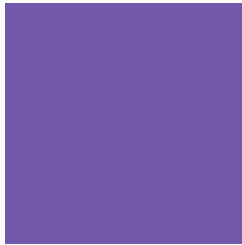


170010



# Previews

## White Background



This preview shows how the Hex color 7258AB looks on a white background.

## Color Contrast Check

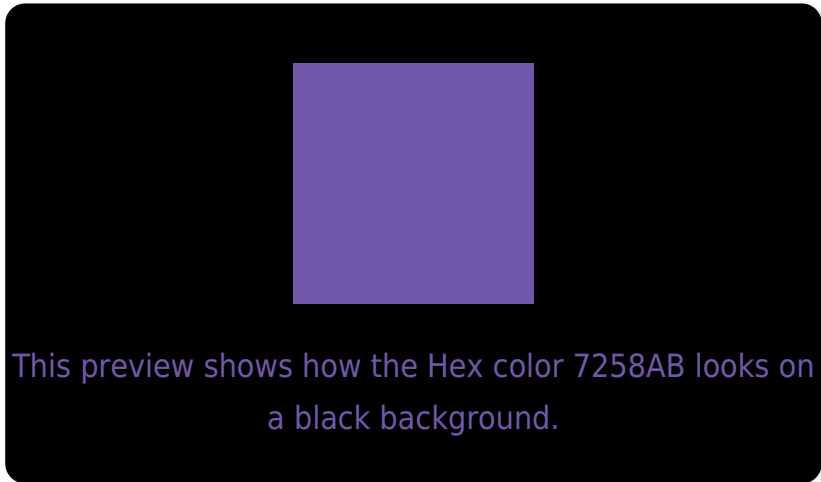
Large Text (above 18pt) WCAG AA ✓ Pass

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 7258AB Background



This preview shows how black text looks on a background with the Hex color 7258AB.

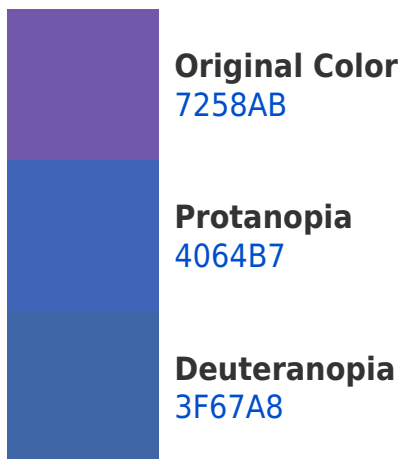



This preview shows how white text looks on a background with the Hex color 7258AB.

# 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**  
66666E

# Trichromacy



**Original Color**  
7258AB

**Protanomaly**  
5260B3

**Deuteranomaly**  
5262A9

**Tritanomaly**  
6A6184

# Monochromacy



**Original Color**  
7258AB

**Achromatopsia**  
696969

**Achromatomaly**  
6C6381

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7258AB 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 #7258AB looks like.

```
.text, #text, p{  
    color:#7258AB  
}
```

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 #7258AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7258AB
}
```

## Border

The CSS property to change the border of an element to Hex 7258AB is called "border". The border property can be set on classes, ids or directly on the HTML element.

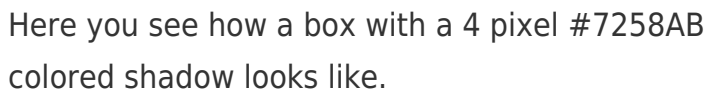
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7258AB }
```

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

```
.border{ border-color:#7258AB }
```

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



Here you see how a box with a 4 pixel #7258AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7258AB; -webkit-box-shadow:4px 4px  
4px 4px #7258AB; box-shadow:4px 4px 4px  
4px #7258AB }
```

# Background

The CSS property to change the background color of an element to Hex 7258AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7258AB }
```

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

```
.background{ background-color:#7258AB }
```

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