

Converting Colors

Hex(7258A6)

Have a look what the booklet for
Hex(7258A6) contains.

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Color

Hex(7258A6)

Conversions

Conversions Part 1

Format	Color
Hex	7258A6
RGB	114, 88, 166
RGB Percent	45%, 35%, 65%
CMY	0.5529, 0.6549, 0.3490
CMYK	0.31, 0.47, 0.00, 0.35
HSL	260°, 31%, 50%
HSV	260°, 47%, 65%
XYZ	17.3121, 13.3100, 37.7330
YIQ	104.6660, -9.5420, 29.7700

Conversions

Conversions Part 2

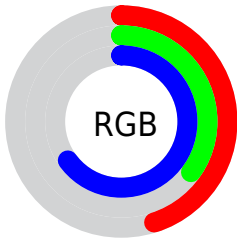
Format	Color
R_{YB}	114, 88, 166
Decimal	7493798
CIE _{Lab}	43.23, 28.14, -38.37
CIE _{LCh}	43, 47.579, 306.258
Yxy	13.3100, 0.2533, 0.1947
Android (android.graphics.Color)	4285683878 (0xFF7258A6)
YUV	104.6660, 30.2377, 8.1859
Hunter-Lab	36.4829, 20.8578, -35.7836

Details

The Hex color **7258A6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8CA658**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A88ADE**, and **3E2A71** is the 20% darker color. If you saturate the color by 10%, you get **6747A6**, and if you desaturate by 10%, it is **7D69A6**.

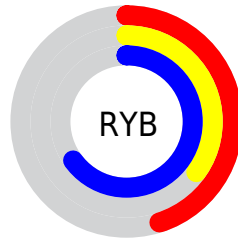
Distribution



Red (45%)

Green (35%)

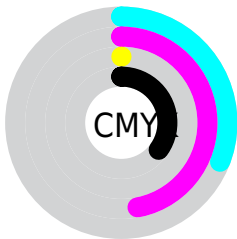
Blue (65%)



Red (45%)

Yellow (35%)

Blue (65%)

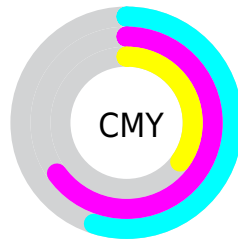


Cyan (31%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7258A6 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 7258A6 by changing the saturation by 10% instead.

7258A6

7258A6

FFFFFF

58408B

A88ADE

3E2A71

C4A5FA

251459

E0C0FF

0B0041

FEDCFF

00032A

FFF9FF

000114

000000

7258A6

7258A6

6747A6

7D69A6

5C37A6

8879A6

5126A6

938AA6

4616A6

9E9AA6

3B05A6

A9ABA6

3700A6

B4BCA6

BFCCA6

CBDDA6

D6EDA6

Harmonies

Analogous

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



0E68B5



7258A6



9C4787

Triad

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



7258A6



93581A



00796D

Complementary

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



7258A6



8CA658

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.



007745



7258A6



72670A

Square

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



7258A6



A8483A



497121



007894

Rectangle

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



7258A6



AA406D



497121



007860

Sweetspot

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



7258A6



C5BAD9



588CA6



615B6E



EDEDED



6E6E6E

Same Dimension

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



7258A6



885FD9



9958A6



4F4C54



310094



070014

Inverse Universe

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



A6588C



D95FB0



65A658



544C51



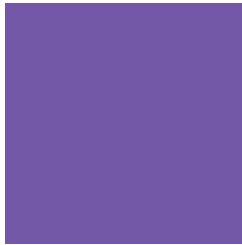
940063



14000E

Previews

White Background



This preview shows how the Hex color 7258A6 looks on a white background.

Color Contrast Check

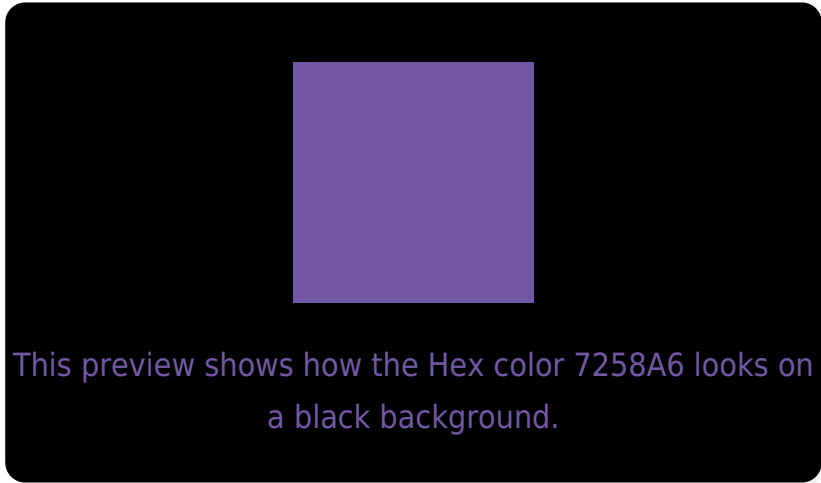
Large Text (above 18pt) WCAG AA ✓ Pass

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

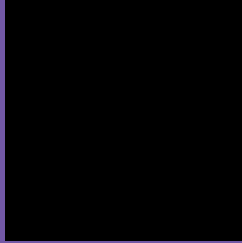
Any Text WCAG AA × Fail

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 7258A6 Background



This preview shows how black text looks on a background with the Hex color 7258A6.

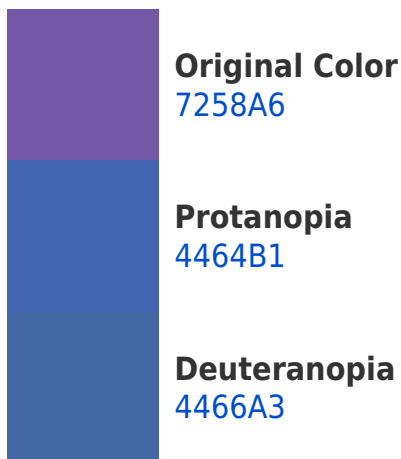



This preview shows how white text looks on a background with the Hex color 7258A6.

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
67656D

Trichromacy



Original Color
7258A6

Protanomaly
5560AD

Deuteranomaly
5561A4

Tritanomaly
6B6082

Monochromacy



Original Color
7258A6

Achromatopsia
696969

Achromatomaly
6C637F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7258A6 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 #7258A6 looks like.

```
.text, #text, p{  
    color:#7258A6  
}
```

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 #7258A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7258A6
}
```

Border

The CSS property to change the border of an element to Hex 7258A6 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
#7258A6 }
```

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

```
.border{ border-color:#7258A6 }
```

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

Here you see how a box with a 4 pixel #7258A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7258A6; -webkit-box-shadow:4px 4px  
4px 4px #7258A6; box-shadow:4px 4px 4px  
4px #7258A6 }
```

Background

The CSS property to change the background color of an element to Hex 7258A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7258A6 }
```

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

```
.background{ background-color:#7258A6 }
```

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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