

Converting Colors

Hex(7158A2)

Have a look what the booklet for
Hex(7158A2) contains.

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Color

Hex(7158A2)

Conversions

Conversions Part 1

Format	Color
Hex	7158A2
RGB	113, 88, 162
RGB Percent	44%, 35%, 64%
CMY	0.5569, 0.6549, 0.3647
CMYK	0.30, 0.46, 0.00, 0.36
HSL	260°, 30%, 49%
HSV	260°, 46%, 64%
XYZ	16.8214, 13.0988, 35.8242
YIQ	103.9110, -8.8540, 28.3140

Conversions

Conversions Part 2

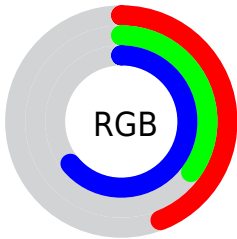
Format	Color
R_{YB}	113, 88, 162
Decimal	7428258
CIE _{Lab}	42.91, 26.79, -36.50
CIE _{LCh}	43, 45.277, 306.281
Yxy	13.0988, 0.2559, 0.1992
Android (android.graphics.Color)	4285618338 (0xFF7158A2)
YUV	103.9110, 28.6379, 7.9711
Hunter-Lab	36.1923, 19.6264, -33.3524

Details

The Hex color **7158A2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **89A258**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **A78AD9**, and **3E2A6E** is the 20% darker color. If you saturate the color by 10%, you get **6648A2**, and if you desaturate by 10%, it is **7C68A2**.

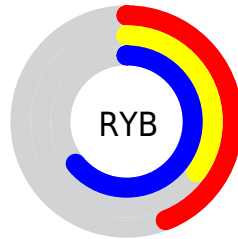
Distribution



Red (44%)

Green (35%)

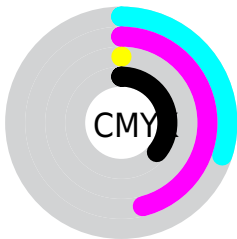
Blue (64%)



Red (44%)

Yellow (35%)

Blue (64%)

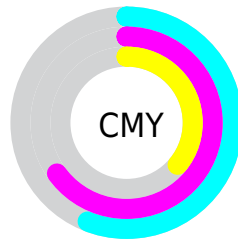


Cyan (30%)

Magenta (46%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (65%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7158A2 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 7158A2 by changing the saturation by 10% instead.

7158A2

7158A2

FFFFFF

574087

A78AD9

3E2A6E

C2A5F6

241455

DFC0FF

0D003D

FCDCFF

000327

FFF9FF

000110

000000

7158A2

7158A2

6648A2

7C68A2

■ 5C38A2

■ 8678A2

■ 5127A2

■ 9189A2

■ 4617A2

■ 9C99A2

■ 3B07A2

■ A7A9A2

■ 3700A2

■ B1B9A2

■ BCC9A2

■ C7DAA2

■ D2EAA2

Harmonies

Analogous

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



1D67B0



7158A2



994884

Triad

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



7158A2



90581E



00776C

Complementary

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



7158A2



89A258

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.



007546



7158A2



716612

Square

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



7158A2



A54A3B



4A7024



007691

Rectangle

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



7158A2



A6426C



4A7024



00775F

Sweetspot

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



7158A2



C0B6D4



5889A2



5F596B



EBEBEB



6B6B6B

Same Dimension

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



7158A2



875FD4



9658A2



4C4952



310091



060012

Inverse Universe

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



A25889



D45FAC



64A258



52494F



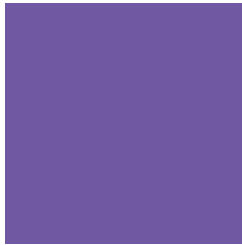
910060



12000C

Previews

White Background



This preview shows how the Hex color 7158A2 looks on a white background.

Color Contrast Check

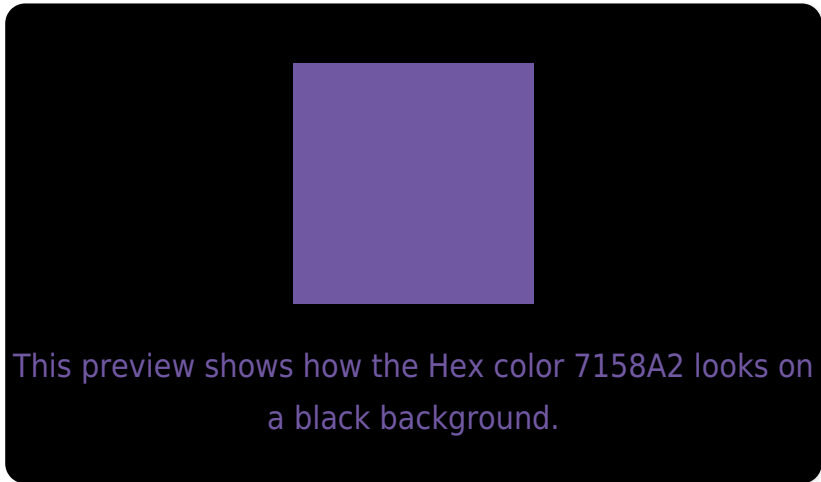
Large Text (above 18pt) WCAG AA ✓ Pass

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

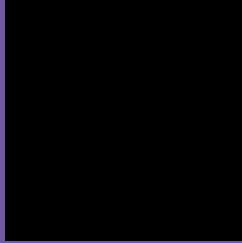
Any Text WCAG AA × Fail

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 7158A2 Background



This preview shows how black text looks on a background with the Hex color 7158A2.



This preview shows how white text looks on a background with the Hex color 7158A2.

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



Original Color
7158A2

Protanopia
4663AC

Deuteranopia
46659F



Tritanopia
66646C

Trichromacy



Original Color
7158A2

Protanomaly
565FA8

Deuteranomaly
5660A0

Tritanomaly
6A6080

Monochromacy



Original Color
7158A2

Achromatopsia
686868

Achromatomaly
6B627D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7158A2 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 #7158A2 looks like.

```
.text, #text, p{  
    color:#7158A2  
}
```

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 #7158A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7158A2
}
```

Border

The CSS property to change the border of an element to Hex 7158A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

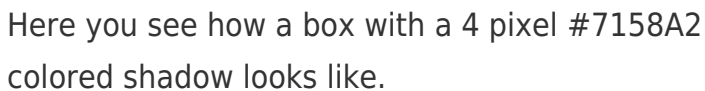
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7158A2 }
```

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

```
.border{ border-color:#7158A2 }
```

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



Here you see how a box with a 4 pixel #7158A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7158A2; -webkit-box-shadow:4px 4px  
4px 4px #7158A2; box-shadow:4px 4px 4px  
4px #7158A2 }
```

Background

The CSS property to change the background color of an element to Hex 7158A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7158A2 }
```

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

```
.background{ background-color:#7158A2 }
```

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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