

Converting Colors

Hex(7187A8)

Have a look what the booklet for
Hex(7187A8) contains.

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Color

Hex(7187A8)

Conversions

Conversions Part 1

Format	Color
Hex	7187A8
RGB	113, 135, 168
RGB Percent	44%, 53%, 66%
CMY	0.5569, 0.4706, 0.3412
CMYK	0.33, 0.20, 0.00, 0.34
HSL	216°, 24%, 55%
HSV	216°, 33%, 66%
XYZ	22.5419, 23.6658, 40.4257
YIQ	132.1840, -23.7050, 5.5990

Conversions

Conversions Part 2

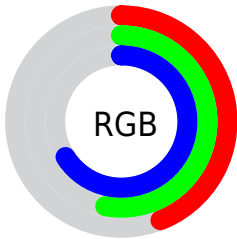
Format	Color
RYB	113, 129, 168
Decimal	7440296
CIELab	55.75, 0.22, -20.04
CIELCh	56, 20.037, 270.632
Yxy	23.6658, 0.2602, 0.2732
Android (android.graphics.Color)	4285630376 (0xFF7187A8)
YUV	132.1840, 17.6573, -16.8244
Hunter-Lab	48.6475, -2.4212, -15.2162

Details

The Hex color **7187A8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A89271**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6BCDF**, and **3F5574** is the 20% darker color. If you saturate the color by 10%, you get **607DA8**, and if you desaturate by 10%, it is **8291A8**.

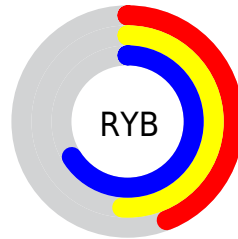
Distribution



Red (44%)

Green (53%)

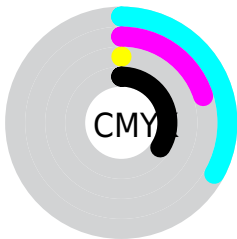
Blue (66%)



Red (44%)

Yellow (51%)

Blue (66%)

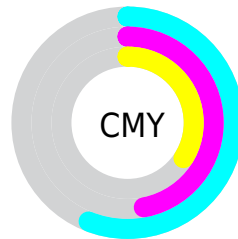


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (34%)



Cyan (56%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7187A8 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 7187A8 by changing the saturation by 10% instead.

■ 7187A8

■ 7187A8

FFFFFF

■ 586E8E

■ A6BCDF

■ 3F5574

■ C2D8FC

■ 263E5B

■ DEF4FF

■ 0C2944

■ FBFFFF

■ 00142D

■ 000118

■ 000000

■ 7187A8

■ 7187A8

■ 607DA8

■ 8291A8

■ 4F73A8

■ 939BA8

■ 3F69A8

■ A3A5A8

■ 2E5FA8

■ B4AFA8

■ 1D55A8

■ C5B9A8

■ 0C4BA8

■ D6C3A8

■ 0043A8

■ E7CEA8

■ F7D8A8

■ FFE2A8

Harmonies

Analogous

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



5C8CA3



7187A8



8981A3

Triad

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



7187A8



A97A75



6B8E74

Complementary

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



7187A8



A89271

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.



7F8A67



7187A8



A17F68

Square

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



7187A8



A77986



928563



5A8F85

Rectangle

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



7187A8



977D9C



928563



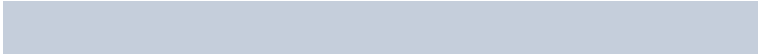
728D6F

Sweetspot

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



7187A8



C5CEDB



71A892



60666E



EDEDED



6E6E6E

Same Dimension

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



7187A8



86A8DB



7671A8



4C4F54



003B94



000814

Inverse Universe

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



A87187



DB86A8



A2A871



544C4F



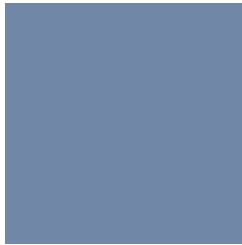
94003B



140008

Previews

White Background



This preview shows how the Hex color 7187A8 looks on a white background.

Color Contrast Check

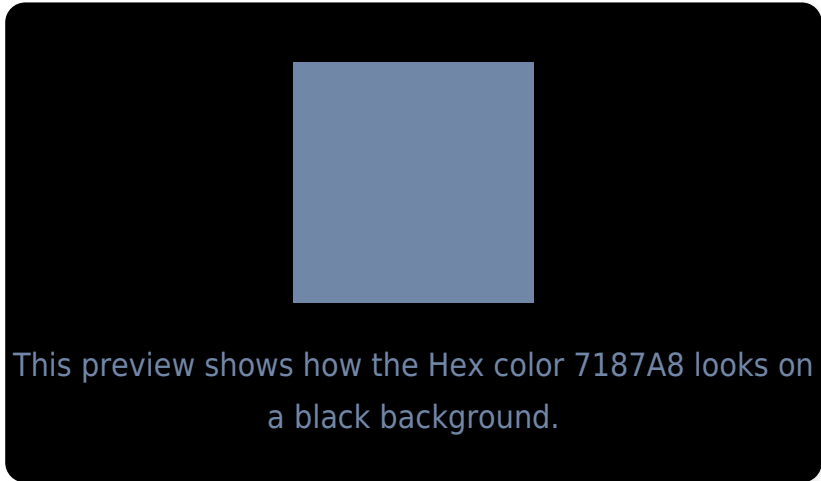
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

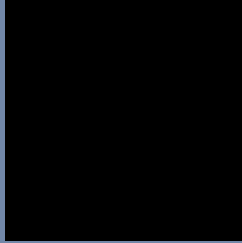
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

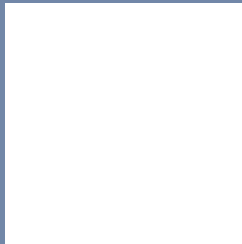
Any Text WCAG AAA × Fail

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

Hex 7187A8 Background



This preview shows how black text looks on a background with the Hex color 7187A8.

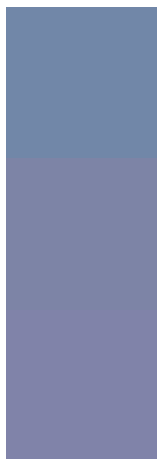


This preview shows how white text looks on a background with the Hex color 7187A8.

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
7187A8

Protanopia
7D84A6

Deuteranopia
8083A9



Tritanopia
6D8A95

Trichromacy



Original Color
7187A8

Protanomaly
7985A7

Deuteranomaly
7B84A9

Tritanomaly
6E899C

Monochromacy



Original Color
7187A8

Achromatopsia
848484

Achromatomaly
7D8591

CSS Examples

Text

The CSS property to change the color of the text to Hex 7187A8 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 #7187A8 looks like.

```
.text, #text, p{  
    color:#7187A8  
}
```

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 #7187A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7187A8
}
```

Border

The CSS property to change the border of an element to Hex 7187A8 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
#7187A8 }
```

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

```
.border{ border-color:#7187A8 }
```

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

Here you see how a box with a 4 pixel #7187A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7187A8; -webkit-box-shadow:4px 4px  
4px 4px #7187A8; box-shadow:4px 4px 4px  
4px #7187A8 }
```

Background

The CSS property to change the background color of an element to Hex 7187A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7187A8 }
```

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

```
.background{ background-color:#7187A8 }
```

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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