

Converting Colors

Hex(7178A0)

Have a look what the booklet for
Hex(7178A0) contains.

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Color

Hex(7178A0)

Conversions

Conversions Part 1

Format	Color
Hex	7178A0
RGB	113, 120, 160
RGB Percent	44%, 47%, 63%
CMY	0.5569, 0.5294, 0.3725
CMYK	0.29, 0.25, 0.00, 0.37
HSL	231°, 20%, 54%
HSV	231°, 29%, 63%
XYZ	19.8717, 19.4817, 35.9707
YIQ	122.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

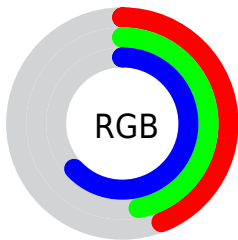
Format	Color
R_{YB}	113, 119, 160
Decimal	7436448
CIE _{Lab}	51.25, 6.90, -22.32
CIE _{LCh}	51, 23.361, 287.190
Yxy	19.4817, 0.2638, 0.2586
Android (android.graphics.Color)	4285626528 (0xFF7178A0)
YUV	122.4670, 18.5038, -8.3026
Hunter-Lab	44.1381, 3.1219, -17.4222

Details

The Hex color **7178A0** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A09971**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A6ACD7**, and **3F486C** is the 20% darker color. If you saturate the color by 10%, you get **616AA0**, and if you desaturate by 10%, it is **8186A0**.

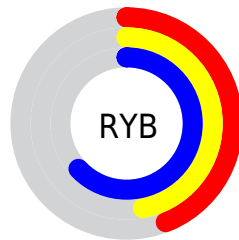
Distribution



Red (44%)

Green (47%)

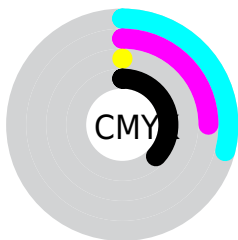
Blue (63%)



Red (44%)

Yellow (47%)

Blue (63%)

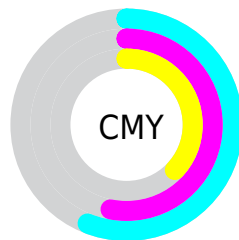


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (37%)



Cyan (56%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7178A0 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 7178A0 by changing the saturation by 10% instead.

■ 7178A0

■ 7178A0

FFFFFF

■ 585F86

■ A6ACD7

■ 3F486C

■ C1C7F3

■ 283154

■ DDE3FF

■ 0F1D3D

■ FAFFFF

■ 000227

■ 000110

■ 000000

■ 7178A0

■ 7178A0

■ 616AA0

■ 8186A0

515DA0

9193A0

414FA0

A1A1A0

3142A0

B1AEA0

2134A0

C1BCA0

1126A0

D1CAA0

0119A0

E1D7A0

0018A0

F1E5A0

FFF3A0

Harmonies

Analogous

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



547FA1



7178A0



8B7195

Triad

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



7178A0



9D6F5E



4F8571

Complementary

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



7178A0



A09971

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.



66825E



7178A0



907653

Square

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



7178A0



A26C6F



7C7C54



3D8585

Rectangle

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



7178A0



986D8A



7C7C54



56846A

Sweetspot

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



7178A0



BEC1D1



71A099



5D5F69



E8E8E8



696969

Same Dimension

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



7178A0



8893D1



8171A0



47484F



00158F



00020F

Inverse Universe

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



A07178



D18893



90A071



4F4748



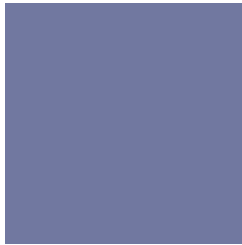
8F0015



0F0002

Previews

White Background



This preview shows how the Hex color 7178A0 looks on a white background.

Color Contrast Check

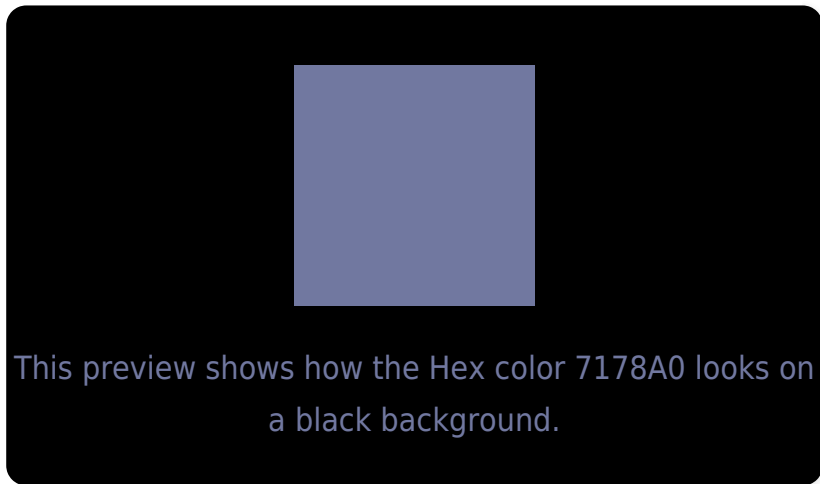
Large Text (above 18pt) WCAG AA ✓ Pass

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

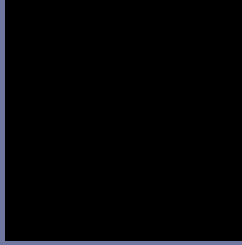
Any Text WCAG AA ✓ Pass

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 7178A0 Background



This preview shows how black text looks on a background with the Hex color 7178A0.



This preview shows how white text looks on a background with the Hex color 7178A0.

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

7178A0

Protanopia

6F78A0

Deuteranopia

7178A0



Tritanopia
6C7D87

Trichromacy



Original Color
7178A0

Protanomaly
7078A0

Deuteranomaly
7178A0

Tritanomaly
6E7B90

Monochromacy



Original Color
7178A0

Achromatopsia
7A7A7A

Achromatomaly
777988

CSS Examples

Text

The CSS property to change the color of the text to Hex 7178A0 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 #7178A0 looks like.

```
.text, #text, p{  
    color:#7178A0  
}
```

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 #7178A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7178A0
}
```

Border

The CSS property to change the border of an element to Hex 7178A0 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
#7178A0 }
```

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

```
.border{ border-color:#7178A0 }
```

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

Here you see how a box with a 4 pixel #7178A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7178A0; -webkit-box-shadow:4px 4px  
4px 4px #7178A0; box-shadow:4px 4px 4px  
4px #7178A0 }
```

Background

The CSS property to change the background color of an element to Hex 7178A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7178A0 }
```

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

```
.background{ background-color:#7178A0 }
```

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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