

Converting Colors

Hex(7278AF)

Have a look what the booklet for
Hex(7278AF) contains.

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Color

Hex(7278AF)

Conversions

Conversions Part 1

Format	Color
Hex	7278AF
RGB	114, 120, 175
RGB Percent	45%, 47%, 69%
CMY	0.5529, 0.5294, 0.3137
CMYK	0.35, 0.31, 0.00, 0.31
HSL	234°, 28%, 57%
HSV	234°, 35%, 69%
XYZ	21.3938, 20.1055, 43.3106
YIQ	124.4760, -21.2310, 15.8330

Conversions

Conversions Part 2

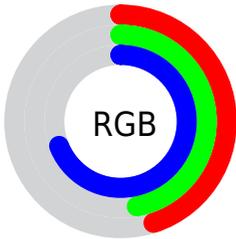
Format	Color
RYB	114, 119, 175
Decimal	7501999
CIELab	51.96, 11.23, -29.92
CIELCh	52, 31.961, 290.579
Yxy	20.1055, 0.2523, 0.2371
Android (android.graphics.Color)	4285692079 (0xFF7278AF)
YUV	124.4760, 24.9083, -9.1875
Hunter-Lab	44.8392, 6.6978, -25.8814

Details

The Hex color **7278AF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AFA972**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A8ACE7**, and **3F487A** is the 20% darker color. If you saturate the color by 10%, you get **6168AF**, and if you desaturate by 10%, it is **8488AF**.

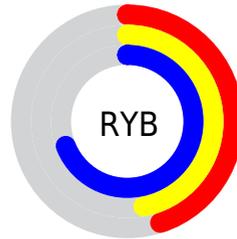
Distribution



Red (45%)

Green (47%)

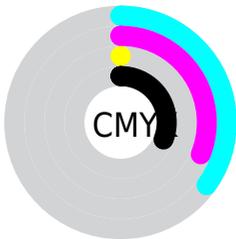
Blue (69%)



Red (45%)

Yellow (47%)

Blue (69%)

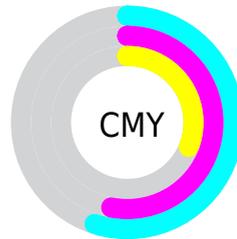


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7278AF 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 7278AF by changing the saturation by 10% instead.

■ 7278AF

■ 7278AF

FFFFFF

■ 585F94

■ A8ACE7

■ 3F487A

■ C3C7FF

■ 263161

■ E0E3FF

■ 081D49

FDFFFF

■ 000232

■ 00021D

■ 000000

■ 7278AF

■ 7278AF

■ 6168AF

■ 8488AF

■ 4F58AF

■ 9598AF

■ 3E49AF

■ A7A7AF

■ 2C39AF

■ B8B7AF

■ 1A29AF

■ CAC7AF

■ 0919AF

■ DBD7AF

■ 0011AF

■ EDE6AF

■ FEF6AF

■ FFFFAF

Harmonies

Analogous

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



4281B1



7278AF



966E9F

Triad

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



7278AF



A96E53



358A72

Complementary

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



7278AF



AFA972

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.



5B8658



7278AF



957746

Square

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



7278AF



B1676A



7B8048



008A8E

Rectangle

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



7278AF



A6698F



7B8048



438969

Sweetspot

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



7278AF



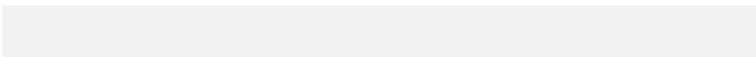
CCCEE3



72AFA9



656673



F2F2F2



737373

Same Dimension

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



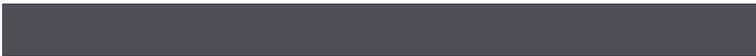
7278AF



848DE3



8A72AF



4E4F57



000F96



000217

Inverse Universe

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



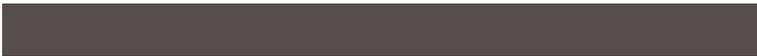
AF7278



E3848D



97AF72



574E4F



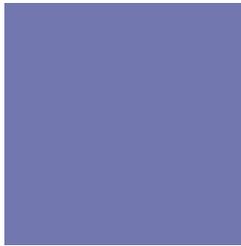
96000F



170002

Previews

White Background



This preview shows how the Hex color 7278AF looks on a white background.

Color Contrast Check

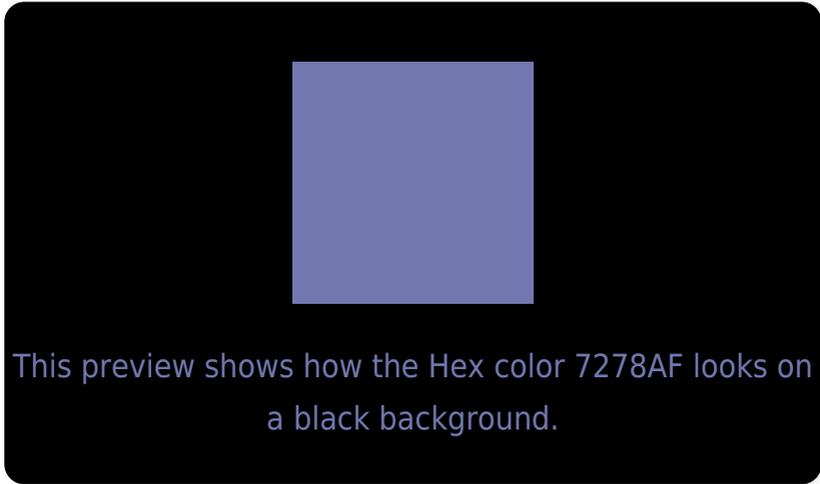
Large Text (above 18pt) WCAG AA ✓ Pass

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

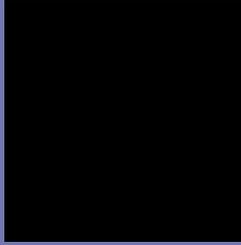
Any Text WCAG AA ✓ Pass

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 7278AF Background



This preview shows how black text looks on a background with the Hex color 7278AF.



This preview shows how white text looks on a background with the Hex color 7278AF.

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
7278AF

Protanopia
6A7AB1

Deuteranopia
6A7AAE



Tritanopia
6A7F89

Trichromacy



Original Color
7278AF

Protanomaly
6D79B0

Deuteranomaly
6D79AE

Tritanomaly
6D7C97

Monochromacy



Original Color
7278AF

Achromatopsia
7C7C7C

Achromatomaly
787B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7278AF 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 #7278AF looks like.

```
.text, #text, p{  
    color:#7278AF  
}
```

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 #7278AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7278AF
}
```

Border

The CSS property to change the border of an element to Hex 7278AF 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
#7278AF }
```

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

```
.border{ border-color:#7278AF }
```

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

Here you see how a box with a 4 pixel #7278AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7278AF; -webkit-box-shadow:4px 4px  
4px 4px #7278AF; box-shadow:4px 4px 4px  
4px #7278AF }
```

Background

The CSS property to change the background color of an element to Hex 7278AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7278AF }
```

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

```
.background{ background-color:#7278AF }
```

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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