

Converting Colors

Hex(7296AF)

Have a look what the booklet for
Hex(7296AF) contains.

Hex(7296AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7296AF)

Conversions

Conversions Part 1

Format	Color
Hex	7296AF
RGB	114, 150, 175
RGB Percent	45%, 59%, 69%
CMY	0.5529, 0.4118, 0.3137
CMYK	0.35, 0.14, 0.00, 0.31
HSL	205°, 28%, 57%
HSV	205°, 35%, 69%
XYZ	25.5836, 28.4852, 44.7072
YIQ	142.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

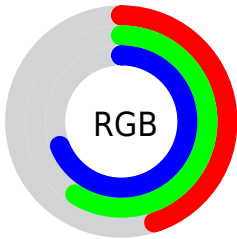
Format	Color
RYB	114, 137, 175
Decimal	7509679
CIELab	60.32, -6.15, -17.06
CIElCh	60, 18.133, 250.166
Yxy	28.4852, 0.2590, 0.2884
Android (android.graphics.Color)	4285699759 (0xFF7296AF)
YUV	142.0860, 16.2266, -24.6314
Hunter-Lab	53.3716, -7.8363, -12.3048

Details

The Hex color **7296AF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AF8B72**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A8CCE7**, and **3F637B** is the 20% darker color. If you saturate the color by 10%, you get **618FAF**, and if you desaturate by 10%, it is **849DAF**.

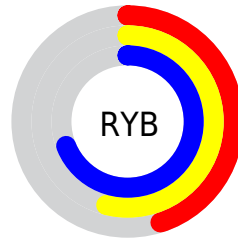
Distribution



Red (45%)

Green (59%)

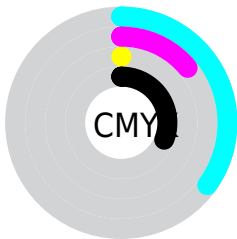
Blue (69%)



Red (45%)

Yellow (54%)

Blue (69%)

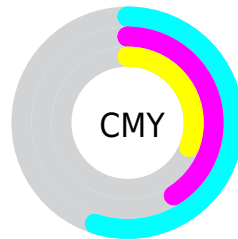


Cyan (35%)

Magenta (14%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7296AF 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 7296AF by changing the saturation by 10% instead.

■ 7296AF

■ 7296AF

FFFFFF

■ 587C94

■ A8CCE7

■ 3F637B

■ C3E8FF

■ 254B62

■ E0FFFF

■ 08354A

FDFFFF

■ 002033

■ 00041E

■ 000001

■ 000000

■ 7296AF

■ 7296AF

618FAF

849DAF

4F88AF

95A4AF

3E80AF

A7ACAF

2C79AF

B8B3AF

1A72AF

CABAAF

096BAF

DBC1AF

0067AF

EDC8AF

FECFAF

FFD7AF

Harmonies

Analogous

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



6699A5



7296AF



8691B1

Triad

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



7296AF



B2868C



869779

Complementary

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



7296AF



AF8B72

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.



989272



7296AF



B1887E

Square

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



7296AF



AB879D



A78D74



749A86

Rectangle

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



7296AF



948DAD



A78D74



8C9576

Sweetspot

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



7296AF



CCDAE3



72AF8A



656D73



F2F2F2



737373

Same Dimension

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



7296AF



84BCE3



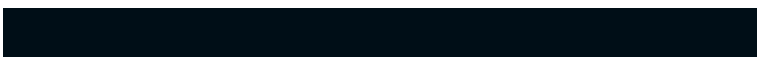
7278AF



4E5357



005996



000E17

Inverse Universe

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



AF7296



E384BC



AFA972



574E53



960059



17000E

Previews

White Background



This preview shows how the Hex color 7296AF looks on a white background.

Color Contrast Check

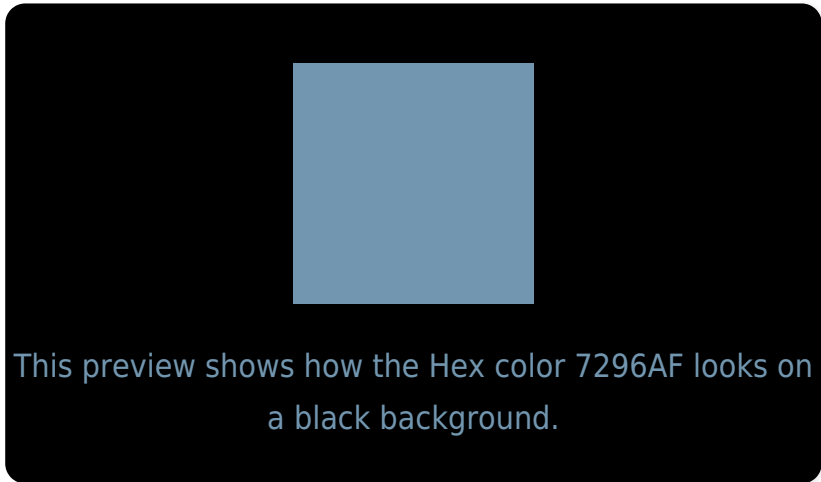
Large Text (above 18pt) WCAG AA ✓ Pass

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

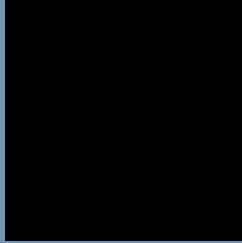
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

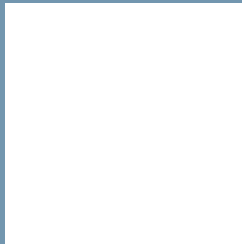
Any Text WCAG AAA × Fail

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

Hex 7296AF Background



This preview shows how black text looks on a background with the Hex color 7296AF.



This preview shows how white text looks on a background with the Hex color 7296AF.

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
7296AF

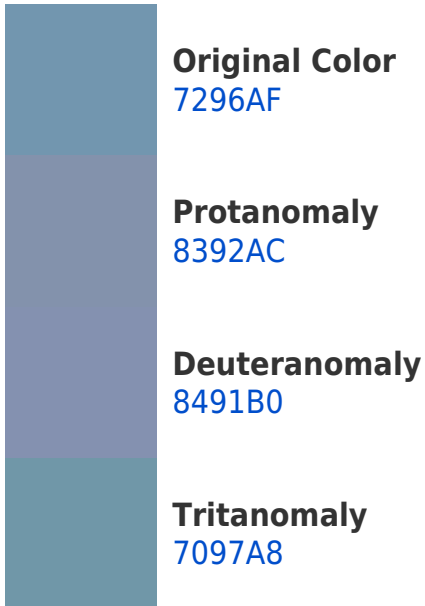
Protanopia
8C90AB

Deuteranopia
8F8EB1

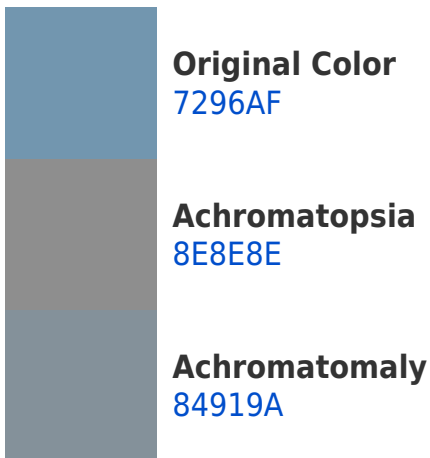


Tritanopia
6F98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7296AF 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 #7296AF looks like.

```
.text, #text, p{  
    color:#7296AF  
}
```

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 #7296AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7296AF
}
```

Border

The CSS property to change the border of an element to Hex 7296AF 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
#7296AF }
```

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

```
.border{ border-color:#7296AF }
```

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

Here you see how a box with a 4 pixel #7296AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7296AF; -webkit-box-shadow:4px 4px  
4px 4px #7296AF; box-shadow:4px 4px 4px  
4px #7296AF }
```

Background

The CSS property to change the background color of an element to Hex 7296AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7296AF }
```

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

```
.background{ background-color:#7296AF }
```

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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