

Converting Colors

Hex(72AF99)

Have a look what the booklet for
Hex(72AF99) contains.

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Color

Hex(72AF99)

Conversions

Conversions Part 1

Format	Color
Hex	72AF99
RGB	114, 175, 153
RGB Percent	45%, 69%, 60%
CMY	0.5529, 0.3137, 0.4000
CMYK	0.35, 0.00, 0.13, 0.31
HSL	158°, 28%, 57%
HSV	158°, 35%, 69%
XYZ	28.0192, 36.5373, 35.7126
YIQ	154.2530, -29.2940, -19.7740

Conversions

Conversions Part 2

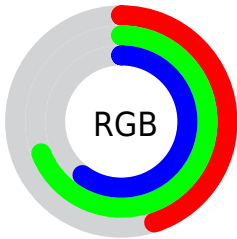
Format	Color
RYB	114, 151, 175
Decimal	7516057
CIELab	66.93, -24.68, 5.05
CIELCh	67, 25.193, 168.431
Yxy	36.5373, 0.2794, 0.3644
Android (android.graphics.Color)	4285706137 (0xFF72AF99)
YUV	154.2530, -0.6177, -35.3019
Hunter-Lab	60.4461, -23.0387, 7.2826

Details

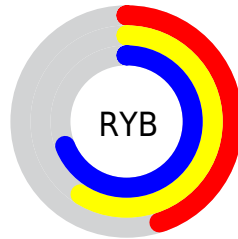
The Hex color **72AF99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF7288**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A8E7CF**, and **3E7A66** is the 20% darker color. If you saturate the color by 10%, you get **61AF93**, and if you desaturate by 10%, it is **84AF9F**.

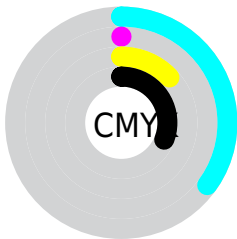
Distribution



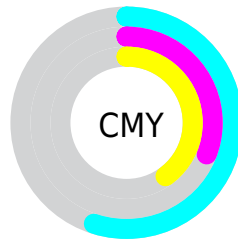
- Red (45%)
- Green (69%)
- Blue (60%)



- Red (45%)
- Yellow (59%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (55%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72AF99 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 72AF99 by changing the saturation by 10% instead.



72AF99



72AF99

FFFFFF



58947F



A8E7CF



3E7A66



C4FFEC



24614E



E0FFFF



054937



FDFFFF



003222



001F0C



000000



72AF99



72AF99



61AF93



84AF9F

 4FAF8C

 95AFA6

 3EAF86

 A7AFAC

 2CAF80

 B8AFB2

 1AAF79

 CAAFB9

 09AF73

 DBAFBF

 00AF70

 EDAFC5

 FEAFCB

 FFAFD2

Harmonies

Analogous

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



8BAC84



72AF99



61AFB0

Triad

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



72AF99



9AA0CE



CB9782

Complementary

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



72AF99



AF7288

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.



D19396



72AF99



B798C1

Square

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



72AF99



7BA8CF



CA93AD



BB9E77

Rectangle

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



72AF99



60AEBE



CA93AD



CE9588

Sweetspot

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



72AF99



CCE3DB



88AF72



65736E



F2F2F2



737373

Same Dimension

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



72AF99



84E3C1



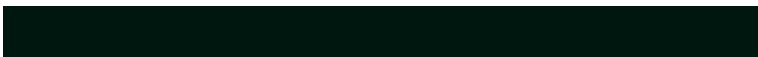
72A7AF



4E5754



009660



00170F

Inverse Universe

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



AF7288



E384A6



AF7A72



574E51



960036



170008

Previews

White Background



This preview shows how the Hex color 72AF99 looks on a white background.

Color Contrast Check

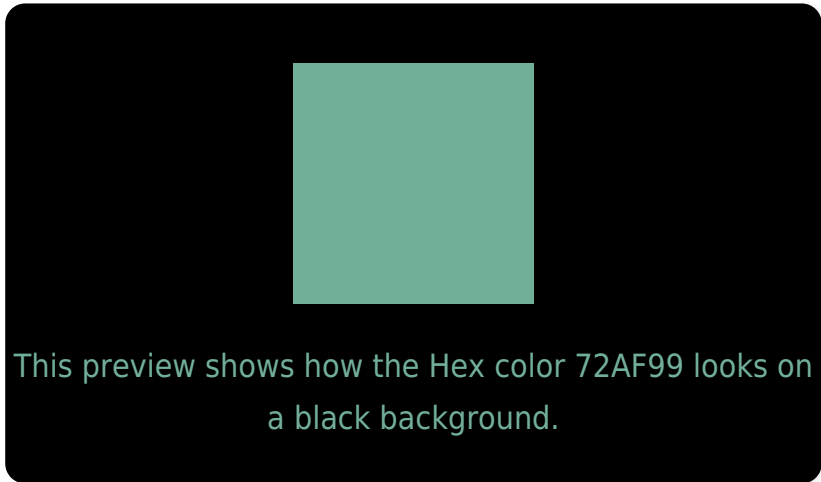
Large Text (above 18pt) WCAG AA × Fail

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

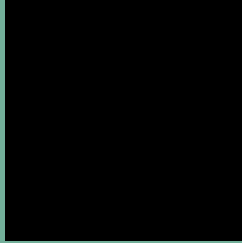
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 72AF99 Background



This preview shows how black text looks on a background with the Hex color 72AF99.

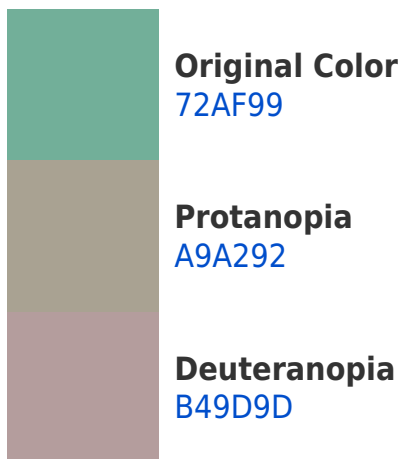


This preview shows how white text looks on a background with the Hex color 72AF99.

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](#).

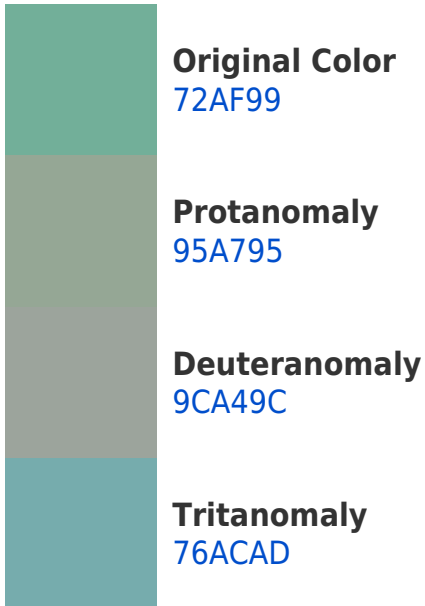
Dichromacy



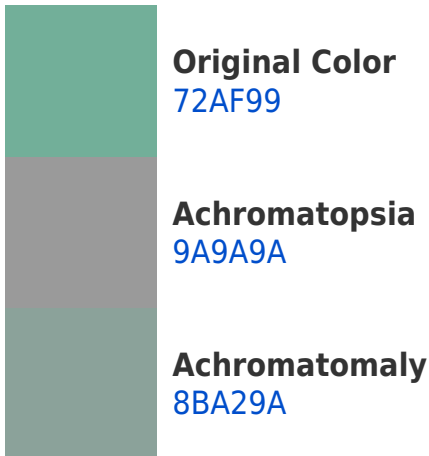


Tritanopia
79ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72AF99 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 #72AF99 looks like.

```
.text, #text, p{  
    color:#72AF99  
}
```

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 #72AF99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72AF99
}
```

Border

The CSS property to change the border of an element to Hex 72AF99 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
#72AF99 }
```

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

```
.border{ border-color:#72AF99 }
```

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

Here you see how a box with a 4 pixel #72AF99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72AF99; -webkit-box-shadow:4px 4px  
4px 4px #72AF99; box-shadow:4px 4px 4px  
4px #72AF99 }
```

Background

The CSS property to change the background color of an element to Hex 72AF99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72AF99 }
```

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

```
.background{ background-color:#72AF99 }
```

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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