

Converting Colors

Hex(72BB99)

Have a look what the booklet for
Hex(72BB99) contains.

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Color

Hex(72BB99)

Conversions

Conversions Part 1

Format	Color
Hex	72BB99
RGB	114, 187, 153
RGB Percent	45%, 73%, 60%
CMY	0.5529, 0.2667, 0.4000
CMYK	0.39, 0.00, 0.18, 0.27
HSL	152°, 35%, 59%
HSV	152°, 39%, 73%
XYZ	30.4595, 41.4180, 36.5261
YIQ	161.2970, -32.5940, -26.0500

Conversions

Conversions Part 2

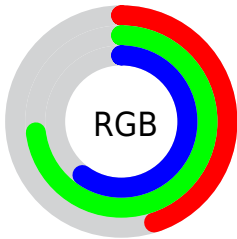
Format	Color
RYB	114, 162, 187
Decimal	7519129
CIELab	70.47, -30.54, 10.12
CIELCh	70, 32.176, 161.676
Yxy	41.4180, 0.2810, 0.3821
Android (android.graphics.Color)	4285709209 (0xFF72BB99)
YUV	161.2970, -4.0904, -41.4795
Hunter-Lab	64.3568, -28.1418, 11.3994

Details

The Hex color **72BB99** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BB7294**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9F4CF**, and **3D8566** is the 20% darker color. If you saturate the color by 10%, you get **5FBB90**, and if you desaturate by 10%, it is **85BBA2**.

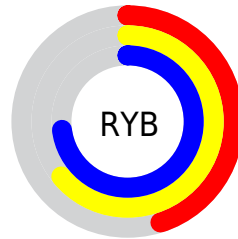
Distribution



Red (45%)

Green (73%)

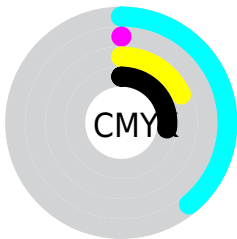
Blue (60%)



Red (45%)

Yellow (64%)

Blue (73%)

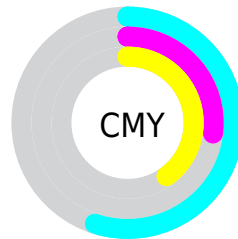


Cyan (39%)

Magenta (0%)

Yellow (18%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72BB99 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 72BB99 by changing the saturation by 10% instead.

 72BB99

 72BB99


FFFFFF

 57A07F


 A9F4CF

 3D8566

 C5FFEC

 216C4E

 E1FFFF

 005337

 003B22

 00260C

 000300

 000000

 72BB99

 72BB99

 5FBB90

 85BBA2

 4DBB88

 97BBAA

 3ABB7F

 AABBB3

 27BB76

 BDBBBC

 15BB6D

 CFBBC5

 02BB65

 E2BBCD

 00BB64

 F5BBD6

 FFBBDF

 FFBBE7

Harmonies

Analogous

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



95B680



72BB99



53BCB7

Triad

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



72BB99



97ABE5



E29B87

Complementary

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



72BB99



BB7294

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.



E696A2



72BB99



BFA1D8

Square

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



72BB99



6AB4E3



DB99BF



D0A475

Rectangle

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



72BB99



4ABBCA



DB99BF



E5998F

Sweetspot

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



72BB99



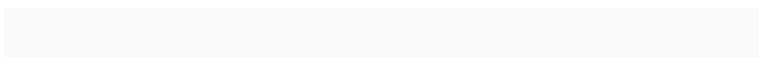
D5F2E5



94BB72



697A72



FAFAFA



7A7A7A

Same Dimension

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



72BB99



80F2BD



72B9BB



555E5A



009E54



001F10

Inverse Universe

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



BB7294



F280B5



BB7472



5E5559



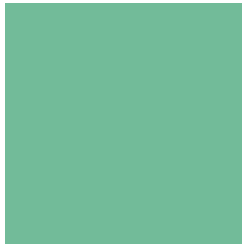
9E004A



1F000E

Previews

White Background



This preview shows how the Hex color 72BB99 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



This preview shows how the Hex color 72BB99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

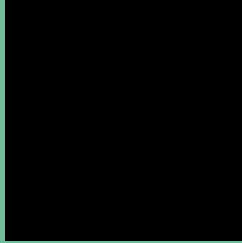
Any Text WCAG AA ✓ Pass

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 72BB99 Background



This preview shows how black text looks on a background with the Hex color 72BB99.



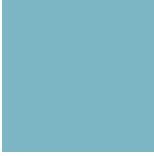
This preview shows how white text looks on a background with the Hex color 72BB99.

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](#).

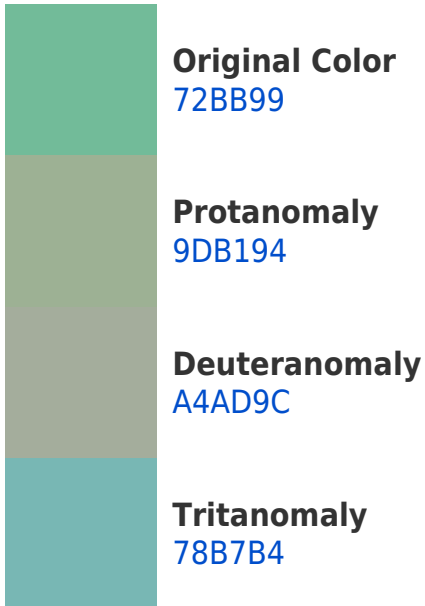
Dichromacy



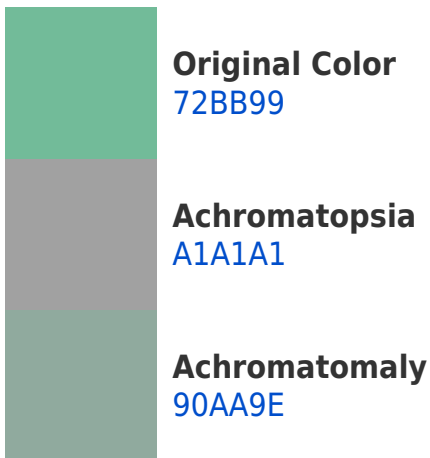


Tritanopia
7CB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72BB99 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 #72BB99 looks like.

```
.text, #text, p{  
    color:#72BB99  
}
```

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 #72BB99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BB99
}
```

Border

The CSS property to change the border of an element to Hex 72BB99 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
#72BB99 }
```

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

```
.border{ border-color:#72BB99 }
```

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

Here you see how a box with a 4 pixel #72BB99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BB99; -webkit-box-shadow:4px 4px  
4px 4px #72BB99; box-shadow:4px 4px 4px  
4px #72BB99 }
```

Background

The CSS property to change the background color of an element to Hex 72BB99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BB99 }
```

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

```
.background{ background-color:#72BB99 }
```

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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