

Converting Colors

Hex(72BDB1)

Have a look what the booklet for
Hex(72BDB1) contains.

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Color

Hex(72BDB1)

Conversions

Conversions Part 1

Format	Color
Hex	72BDB1
RGB	114, 189, 177
RGB Percent	45%, 74%, 69%
CMY	0.5529, 0.2588, 0.3059
CMYK	0.40, 0.00, 0.06, 0.26
HSL	170°, 36%, 59%
HSV	170°, 40%, 74%
XYZ	33.0728, 43.1469, 48.1800
YIQ	165.2070, -40.8480, -19.6320

Conversions

Conversions Part 2

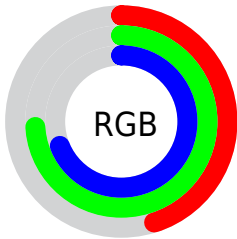
Format	Color
RYB	114, 155, 189
Decimal	7519665
CIELab	71.65, -26.14, -1.28
CIELCh	72, 26.173, 182.795
Yxy	43.1469, 0.2659, 0.3468
Android (android.graphics.Color)	4285709745 (0xFF72BDB1)
YUV	165.2070, 5.8139, -44.9085
Hunter-Lab	65.6863, -25.0769, 2.4920

Details

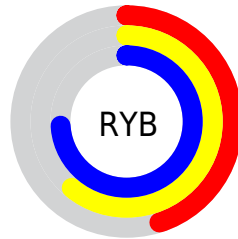
The Hex color **72BDB1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD727E**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A9F6E9**, and **3C877D** is the 20% darker color. If you saturate the color by 10%, you get **5FBDAE**, and if you desaturate by 10%, it is **85BDB4**.

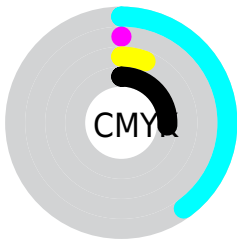
Distribution



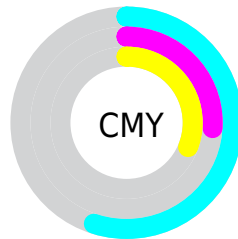
- Red (45%)
- Green (74%)
- Blue (69%)



- Red (45%)
- Yellow (61%)
- Blue (74%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (55%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72BDB1 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 72BDB1 by changing the saturation by 10% instead.

 72BDB1

 72BDB1

FFFFFF

 57A296

 A9F6E9

 3C877D

 C5FFFF

 1E6E64

 E2FFFF

 00554C

 003D35

 002720

 000C09

 000000

 72BDB1

 72BDB1

 5FBDAE

 85BDB4

 4CBDAB

 98BDB7

 39BDA8

 ABBDBA

 26BDA5

 BEBDBD

 13BDA2

 D1BDC0

 01BD9F

 E3BDC3

 00BD9F

 F6BDC6

 FFBD9

 FFBDCC

Harmonies

Analogous

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



89BB99



72BDB1



69BCC9

Triad

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



72BDB1



B6A9D8



D3A786

Complementary

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



72BDB1



BD727E

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.



DFA097



72BDB1



D0A1C6

Square

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



72BDB1



95B1DF



DE9EAE



BFAF80

Rectangle

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



72BDB1



6FBAD5



DE9EAE



D8A48A

Sweetspot

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



72BDB1



D7F5F0



7FBD72



697A78



FAFAFA



7A7A7A

Same Dimension

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



72BDB1



7FF5E2



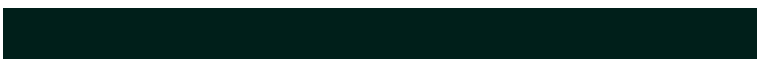
72A4BD



555E5D



009E85



001F1A

Inverse Universe

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



BD727E



F57F92



BD8B72



5E5556



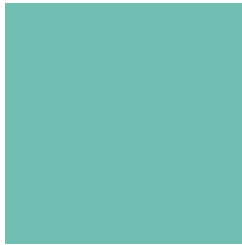
9E0019



1F0005

Previews

White Background



This preview shows how the Hex color 72BDB1 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 72BDB1 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 72BDB1 Background



This preview shows how black text looks on a background with the Hex color 72BDB1.

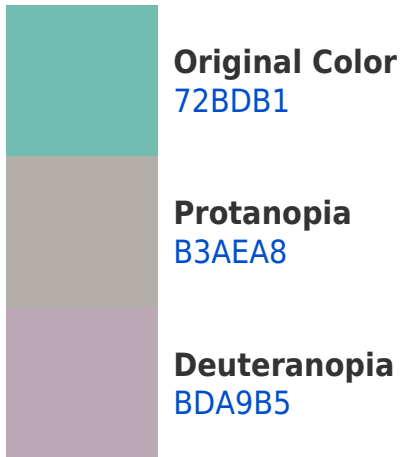


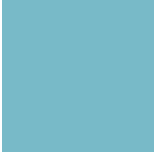
This preview shows how white text looks on a background with the Hex color 72BDB1.

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



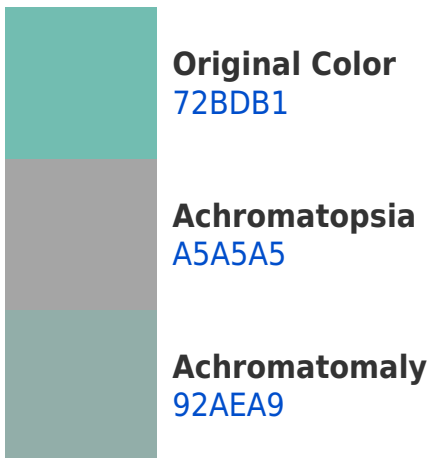


Tritanopia
78BAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72BDB1 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 #72BDB1 looks like.

```
.text, #text, p{  
    color:#72BDB1  
}
```

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 #72BDB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BDB1  
}
```

Border

The CSS property to change the border of an element to Hex 72BDB1 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  
#72BDB1 }
```

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

```
.border{ border-color:#72BDB1 }
```

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

Here you see how a box with a 4 pixel #72BDB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BDB1; -webkit-box-shadow:4px 4px  
4px 4px #72BDB1; box-shadow:4px 4px 4px  
4px #72BDB1 }
```

Background

The CSS property to change the background color of an element to Hex 72BDB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BDB1 }
```

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

```
.background{ background-color:#72BDB1 }
```

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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