

Converting Colors

Hex(72DDB3)

Have a look what the booklet for
Hex(72DDB3) contains.

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Color

Hex(72DDB3)

Conversions

Conversions Part 1

Format	Color
Hex	72DDB3
RGB	114, 221, 179
RGB Percent	45%, 87%, 70%
CMY	0.5529, 0.1333, 0.2980
CMYK	0.48, 0.00, 0.19, 0.13
HSL	156°, 61%, 66%
HSV	156°, 48%, 87%
XYZ	40.9326, 58.5450, 51.7908
YIQ	184.2190, -50.2900, -35.7460

Conversions

Conversions Part 2

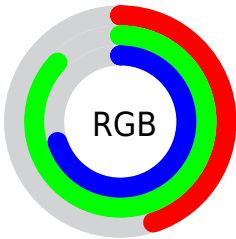
Format	Color
RYB	114, 181, 221
Decimal	7527859
CIELab	81.04, -40.70, 11.19
CIELCh	81, 42.206, 164.624
Yxy	58.5450, 0.2706, 0.3870
Android (android.graphics.Color)	4285717939 (0xFF72DDB3)
YUV	184.2190, -2.5730, -61.5821
Hunter-Lab	76.5147, -38.4097, 13.4285

Details

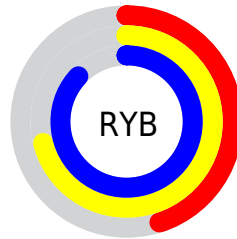
The Hex color **72DDB3** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DD729C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **ABFFEB**, and **36A57E** is the 20% darker color. If you saturate the color by 10%, you get **5CDDAA**, and if you desaturate by 10%, it is **88DDBC**.

Distribution



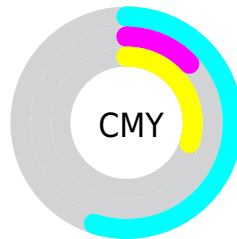
- Red (45%)
- Green (87%)
- Blue (70%)



- Red (45%)
- Yellow (71%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72DDB3 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 72DDB3 by changing the saturation by 10% instead.

 72DDB3

 72DDB3

FFFFFF

 55C198

 ABFFEB

 36A57E

 C8FFFF

 0A8A65

 E6FFFF

 00704D

 005736

 003F21

 00290B

 000700

 000000

 72DDB3

 72DDB3

 5CDDAA

 88DDBC

 46DDA2

 9EDDC4

 30DD99

 B4DDCD

 1ADD90

 CADDD6

 04DD88

 E1DDDE

 00DD86

 F7DDE7

 FFDDF0

 FFDDF8

 FFDDFF

Harmonies

Analogous

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



A4D790



72DDB3



3AEDC

Triad

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



72DDB3



B0C6FF



FFB394

Complementary

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



72DDB3



DD729C

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.



FFABB7



72DDB3



E6B8FF

Square

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



72DDB3



6DD3FF



FFADDF



F5C07D

Rectangle

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



72DDB3



21DDF5



FFADDF



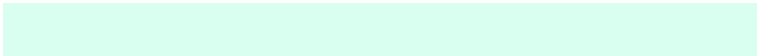
FFAF9E

Sweetspot

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



72DDB3



D9FFF0



9DDD72



698076



000000



808080

Same Dimension

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



72DDB3



6BFFC5



72D2DD



636E69



00AD69



002E1C

Inverse Universe

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



DD729C



FF6BA5



DD7D72



6E6367



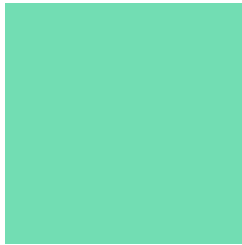
AD0044



2E0012

Previews

White Background



This preview shows how the Hex color 72DDB3 looks on a white background.

Color Contrast Check

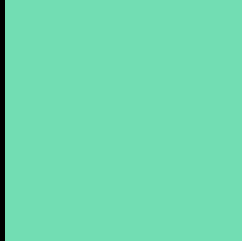
Large Text (above 18pt) WCAG AA × Fail

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 72DDB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

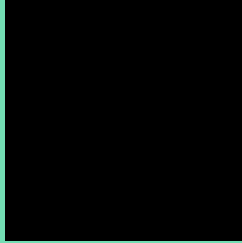
Any Text WCAG AA ✓ Pass

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 72DDB3 Background



This preview shows how black text looks on a background with the Hex color 72DDB3.

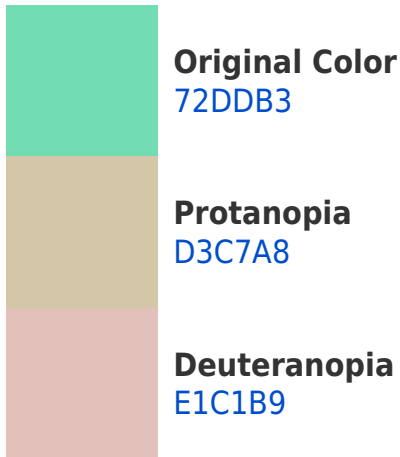


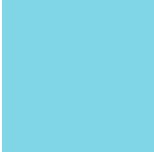
This preview shows how white text looks on a background with the Hex color 72DDB3.

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





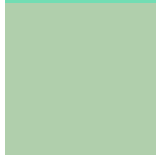
Tritanopia
80D6E7

Trichromacy



Original Color

72DDB3



Protanomaly

B0CFAC



Deuteranomaly

B9CBB7



Tritanomaly

7BD9D4

Monochromacy



Original Color

72DDB3



Achromatopsia

B8B8B8



Achromatomaly

9FC5B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 72DDB3 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 #72DDB3 looks like.

```
.text, #text, p{  
    color:#72DDB3  
}
```

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 #72DDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DDB3  
}
```

Border

The CSS property to change the border of an element to Hex 72DDB3 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  
#72DDB3 }
```

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

```
.border{ border-color:#72DDB3 }
```

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

Here you see how a box with a 4 pixel #72DDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DDB3; -webkit-box-shadow:4px 4px  
4px 4px #72DDB3; box-shadow:4px 4px 4px  
4px #72DDB3 }
```

Background

The CSS property to change the background color of an element to Hex 72DDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DDB3 }
```

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

```
.background{ background-color:#72DDB3 }
```

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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