

Converting Colors

Hex(72DBC4)

Have a look what the booklet for
Hex(72DBC4) contains.

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Color

Hex(72DBC4)

Conversions

Conversions Part 1

Format	Color
Hex	72DBC4
RGB	114, 219, 196
RGB Percent	45%, 86%, 77%
CMY	0.5529, 0.1412, 0.2314
CMYK	0.48, 0.00, 0.11, 0.14
HSL	167°, 59%, 65%
HSV	167°, 48%, 86%
XYZ	42.2348, 58.2260, 61.2373
YIQ	184.9830, -55.1970, -29.4130

Conversions

Conversions Part 2

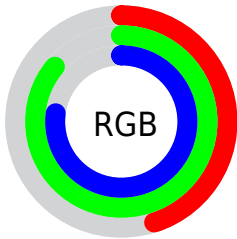
Format	Color
RYB	114, 173, 219
Decimal	7527364
CIELab	80.86, -35.97, 1.92
CIELCh	81, 36.023, 176.946
Yxy	58.2260, 0.2612, 0.3601
Android (android.graphics.Color)	4285717444 (0xFF72DBC4)
YUV	184.9830, 5.4314, -62.2521
Hunter-Lab	76.3059, -34.7370, 5.8326

Details

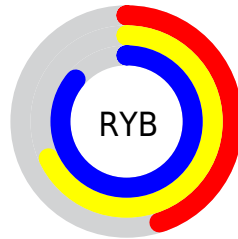
The Hex color **72DBC4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB7289**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ACFFFD**, and **36A38E** is the 20% darker color. If you saturate the color by 10%, you get **5CDBBF**, and if you desaturate by 10%, it is **88DBC9**.

Distribution



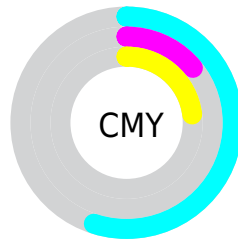
- Red (45%)
- Green (86%)
- Blue (77%)



- Red (45%)
- Yellow (68%)
- Blue (86%)



- Cyan (48%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (55%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72DBC4 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 72DBC4 by changing the saturation by 10% instead.

 72DBC4

 72DBC4

FFFFFF

 55BFA9

 ACFFFD

 36A38E

 C9FFF

 078975

 E6FFF

 006F5C

 005645

 003E2F

 00281A

 000600

 000000

 72DBC4

 72DBC4

 5CDBBF

 88DBC9

 46DBBA

 9EDBCE

 30DBB6

 B4DBD2

 1ADBB1

 CADBD7

 04DBAC

 E0DBDC

 00DBAB

 F5DBE1

 FFDBE6

 FFDBEA

 FFDBEF

Harmonies

Analogous

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



99D7A3



72DBC4



58DBE6

Triad

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



72DBC4



C9C1FF



FEBA91

Complementary

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



72DBC4



DB7289

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.



FFB1AC



72DBC4



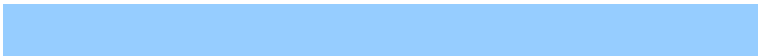
F0B6EE

Square

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



72DBC4



96CFFF



FFB0CE



E3C585

Rectangle

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



72DBC4



5DD8F9



FFB0CE



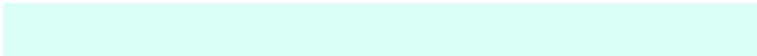
FFB799

Sweetspot

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



72DBC4



DBFFF7



8BDB72



6A807B



000000



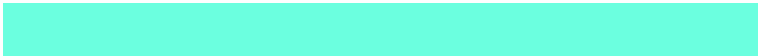
808080

Same Dimension

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



72DBC4



6BFFDF



72BFDB



636E6B



00AD87



002E24

Inverse Universe

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



DB7289



FF6B8B



DB8E72



6E6365



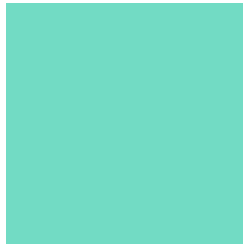
AD0026



2E000A

Previews

White Background



This preview shows how the Hex color 72DBC4 looks on a white background.

Color Contrast Check

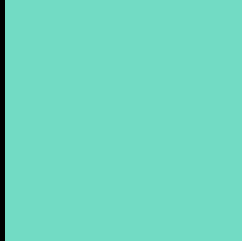
Large Text (above 18pt) WCAG AA × Fail

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 72DBC4 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

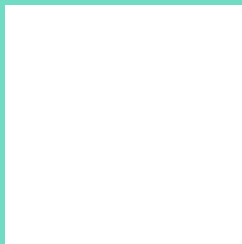
Any Text WCAG AAA ✓ Pass

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

Hex 72DBC4 Background



This preview shows how black text looks on a background with the Hex color 72DBC4.



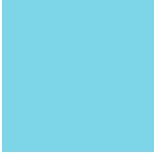
This preview shows how white text looks on a background with the Hex color 72DBC4.

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
7CD6E7

Trichromacy



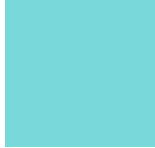
Original Color
72DBC4



Protanomaly
ADCEBD



Deuteranomaly
B4CAC7

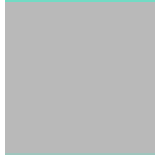


Tritanomaly
78D8DA

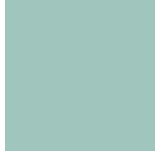
Monochromacy



Original Color
72DBC4



Achromatopsia
B9B9B9



Achromatomaly
9FC5BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 72DBC4 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 #72DBC4 looks like.

```
.text, #text, p{  
    color:#72DBC4  
}
```

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 #72DBC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DBC4
}
```

Border

The CSS property to change the border of an element to Hex 72DBC4 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
#72DBC4 }
```

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

```
.border{ border-color:#72DBC4 }
```

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

Here you see how a box with a 4 pixel #72DBC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DBC4; -webkit-box-shadow:4px 4px  
4px 4px #72DBC4; box-shadow:4px 4px 4px  
4px #72DBC4 }
```

Background

The CSS property to change the background color of an element to Hex 72DBC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DBC4 }
```

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

```
.background{ background-color:#72DBC4 }
```

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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