

Converting Colors

Hex(72D2D2)

Have a look what the booklet for
Hex(72D2D2) contains.

Hex(72D2D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72D2D2)

Conversions

Conversions Part 1

Format	Color
Hex	72D2D2
RGB	114, 210, 210
RGB Percent	45%, 82%, 82%
CMY	0.5529, 0.1765, 0.1765
CMYK	0.46, 0.00, 0.00, 0.18
HSL	180°, 52%, 64%
HSV	180°, 46%, 82%
XYZ	41.6189, 54.3237, 69.2648
YIQ	181.2960, -57.2160, -20.3520

Conversions

Conversions Part 2

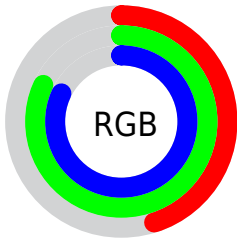
Format	Color
RYB	114, 162, 210
Decimal	7525074
CIELab	78.65, -28.29, -8.82
CIElCh	79, 29.634, 197.310
Yxy	54.3237, 0.2519, 0.3288
Android (android.graphics.Color)	4285715154 (0xFF72D2D2)
YUV	181.2960, 14.1511, -59.0186
Hunter-Lab	73.7046, -28.1893, -4.1252

Details

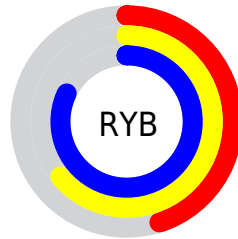
The Hex color **72D2D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D27272**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **ACFFFF**, and **369B9C** is the 20% darker color. If you saturate the color by 10%, you get **5DD2D2**, and if you desaturate by 10%, it is **87D2D2**.

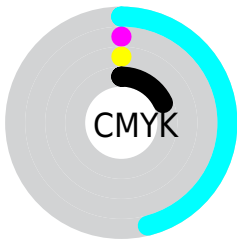
Distribution



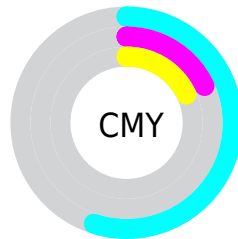
- Red (45%)
- Green (82%)
- Blue (82%)



- Red (45%)
- Yellow (64%)
- Blue (82%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72D2D2 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 72D2D2 by changing the saturation by 10% instead.

 72D2D2

 72D2D2


FFFFFF

 55B6B6

 ACFFFF

 369B9C

 C9FFFF

 088182


 E6FFFF

 006768

 004F50

 00373A

 002324

 00010F

 000000

 72D2D2

 72D2D2

 5DD2D2

 87D2D2

 48D2D2

 9CD2D2

 33D2D2

 B1D2D2

 1ED2D2

 C6D2D2

 09D2D2

 DBD2D2

 00D2D2

 F0D2D2

 FFD2D2

Harmonies

Analogous

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



88D1B6



72D2D2



74CFEA

Triad

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



72D2D2



DAB6E8



E1BD8D

Complementary

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



72D2D2



D27272

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.



F4B49B



72D2D2



F2B0D0

Square

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



72D2D2



B7C0F7



FBAFB3



C6C68E

Rectangle

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



72D2D2



84CBF5



FBAFB3



E9BA91

Sweetspot

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



72D2D2



DBFFFF



72D272



6A8080



000000



808080

Same Dimension

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



72D2D2



73FFFF



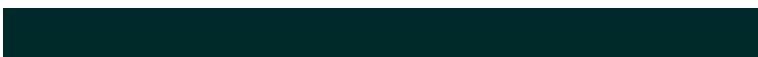
72A2D2



5E6969



00A8A8



002929

Inverse Universe

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



D272D2



FF73FF



D2A272



695E69



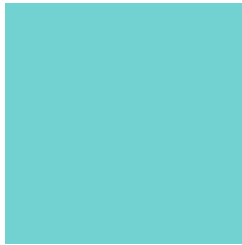
A800A8



290029

Previews

White Background



This preview shows how the Hex color 72D2D2 looks on a white background.

Color Contrast Check

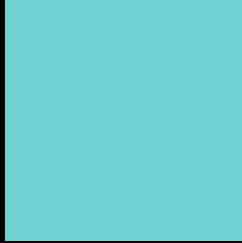
Large Text (above 18pt) WCAG AA × Fail

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 72D2D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

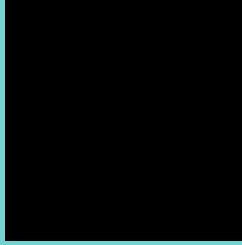
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

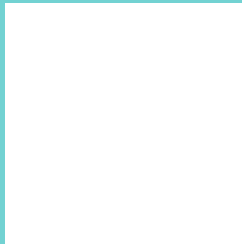
Any Text WCAG AAA ✓ Pass

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

Hex 72D2D2 Background



This preview shows how black text looks on a background with the Hex color 72D2D2.

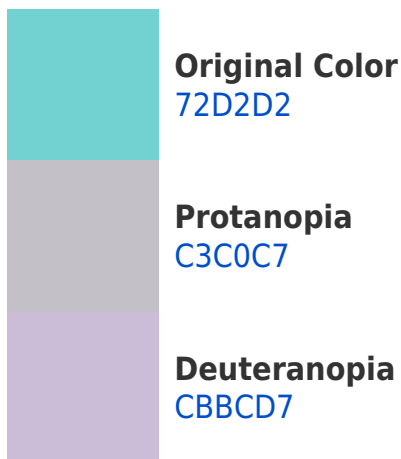


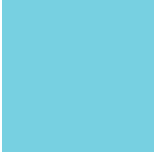
This preview shows how white text looks on a background with the Hex color 72D2D2.

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
77D0E1

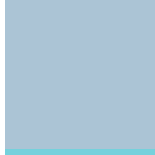
Trichromacy



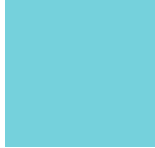
Original Color
72D2D2



Protanomaly
A6C7CB



Deuteranomaly
ABC4D5

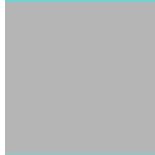


Tritanomaly
75D1DC

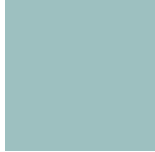
Monochromacy



Original Color
72D2D2



Achromatopsia
B5B5B5



Achromatomaly
9DC0C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 72D2D2 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 #72D2D2 looks like.

```
.text, #text, p{  
    color:#72D2D2  
}
```

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 #72D2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D2D2
}
```

Border

The CSS property to change the border of an element to Hex 72D2D2 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
#72D2D2 }
```

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

```
.border{ border-color:#72D2D2 }
```

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

Here you see how a box with a 4 pixel #72D2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D2D2; -webkit-box-shadow:4px 4px  
4px 4px #72D2D2; box-shadow:4px 4px 4px  
4px #72D2D2 }
```

Background

The CSS property to change the background color of an element to Hex 72D2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D2D2 }
```

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

```
.background{ background-color:#72D2D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor