

Converting Colors

Hex(7FD9D2)

Have a look what the booklet for
Hex(7FD9D2) contains.

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Color

Hex(7FD9D2)

Conversions

Conversions Part 1

Format	Color
Hex	7FD9D2
RGB	127, 217, 210
RGB Percent	50%, 85%, 82%
CMY	0.5020, 0.1490, 0.1765
CMYK	0.41, 0.00, 0.03, 0.15
HSL	175°, 54%, 67%
HSV	175°, 41%, 85%
XYZ	45.1981, 58.7909, 69.9384
YIQ	189.2920, -51.3930, -21.2570

Conversions

Conversions Part 2

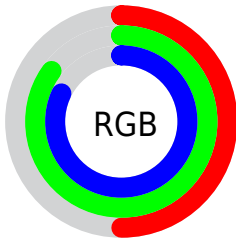
Format	Color
RYB	127, 174, 217
Decimal	8378834
CIELab	81.18, -28.60, -5.02
CIELCh	81, 29.032, 189.952
Yxy	58.7909, 0.2599, 0.3380
Android (android.graphics.Color)	4286568914 (0xFF7FD9D2)
YUV	189.2920, 10.2090, -54.6301
Hunter-Lab	76.6752, -28.9604, -0.4080

Details

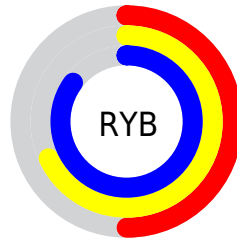
The Hex color **7FD9D2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D97F86**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **B8FFFF**, and **46A29C** is the 20% darker color. If you saturate the color by 10%, you get **69D9D0**, and if you desaturate by 10%, it is **95D9D4**.

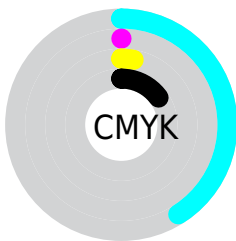
Distribution



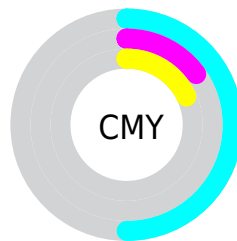
- Red (50%)
- Green (85%)
- Blue (82%)



- Red (50%)
- Yellow (68%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD9D2 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 7FD9D2 by changing the saturation by 10% instead.

 7FD9D2

 7FD9D2

FFFFFF

 63BDB6

 B8FFFF

 46A29C

 D5FFFF

 268782

 F2FFFF

 006E69

 005550

 003D3A

 002724

 00090F

 000000

 7FD9D2

 7FD9D2

 69D9D0

 95D9D4

 54D9CF

 AAD9D5

 3ED9CD

 C0D9D7

 28D9CB

 D6D9D9

 13D9CA

 EBD9DA

 00D9C8

 FFD9DC

 FFD9DE

 FFD9E0

 FFD9E1

Harmonies

Analogous

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



97D7B6



7FD9D2



7AD7EC

Triad

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



7FD9D2



D9C0F3



EEC297

Complementary

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



7FD9D2



D97F86

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.



FEBA8



7FD9D2



F4B8DD

Square

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



7FD9D2



B5C9FF



FFB6C1



D4CB94

Rectangle

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



7FD9D2



86D4F8



FFB6C1



F4BF9B

Sweetspot

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



7FD9D2



E0FFFD



87D97F



6E807E



000000



808080

Same Dimension

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



7FD9D2



80FFF5



7FB4D9



636E6D



00ADA0



002E2A

Inverse Universe

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



D97F86



FF8089



D9A47F



6E6364



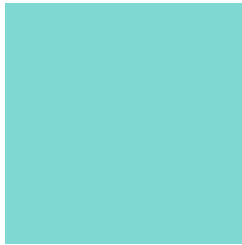
AD000D



2E0004

Previews

White Background



This preview shows how the Hex color 7FD9D2 looks on a white background.

Color Contrast Check

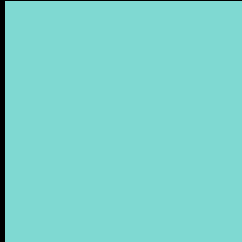
Large Text (above 18pt) WCAG AA × Fail

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 7FD9D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

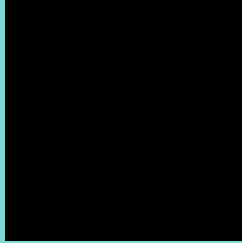
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

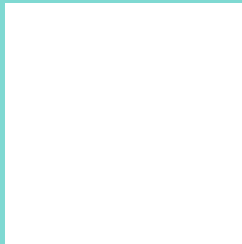
Any Text WCAG AAA ✓ Pass

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

Hex 7FD9D2 Background



This preview shows how black text looks on a background with the Hex color 7FD9D2.



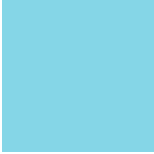
This preview shows how white text looks on a background with the Hex color 7FD9D2.

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
85D6E7

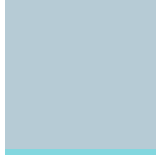
Trichromacy



Original Color
7FD9D2



Protanomaly
B0CECC



Deuteranomaly
B6CBD5

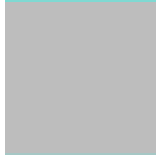


Tritanomaly
83D7DF

Monochromacy



Original Color
7FD9D2



Achromatopsia
BDBDBD



Achromatomaly
A6C7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD9D2 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 #7FD9D2 looks like.

```
.text, #text, p{  
    color:#7FD9D2  
}
```

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 #7FD9D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD9D2
}
```

Border

The CSS property to change the border of an element to Hex 7FD9D2 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
#7FD9D2 }
```

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

```
.border{ border-color:#7FD9D2 }
```

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

Here you see how a box with a 4 pixel #7FD9D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD9D2; -webkit-box-shadow:4px 4px  
4px 4px #7FD9D2; box-shadow:4px 4px 4px  
4px #7FD9D2 }
```

Background

The CSS property to change the background color of an element to Hex 7FD9D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD9D2 }
```

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

```
.background{ background-color:#7FD9D2 }
```

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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