

# Converting Colors

Hex(72D989)

Have a look what the booklet for  
Hex(72D989) contains.

<b>Hex(72D989)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(72D989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72D989
RGB	114, 217, 137
RGB Percent	45%, 85%, 54%
CMY	0.5529, 0.1490, 0.4627
CMYK	0.47, 0.00, 0.37, 0.15
HSL	133°, 58%, 65%
HSV	133°, 47%, 85%
XYZ	36.2676, 55.0093, 32.3733
YIQ	177.0830, -35.7080, -46.7160

# Conversions

## Conversions Part 2

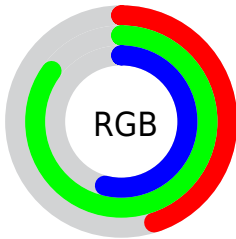
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 198, 217
Decimal	7526793
CIELab	79.05, -47.03, 30.39
CIELCh	79, 55.989, 147.131
Yxy	55.0093, 0.2933, 0.4449
Android (android.graphics.Color)	4285716873 (0xFF72D989)
YUV	177.0830, -19.7609, -55.3238
Hunter-Lab	74.1682, -42.5094, 26.0386

# Details

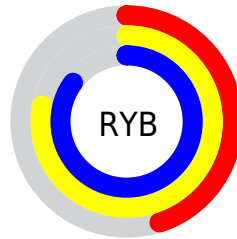
The Hex color **72D989** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D972C2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **ABFFBF**, and **37A156** is the 20% darker color. If you saturate the color by 10%, you get **5CD978**, and if you desaturate by 10%, it is **88D99A**.

# Distribution



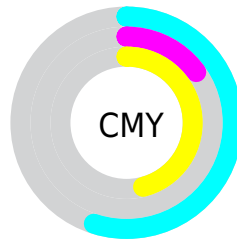
- Red (45%)
- Green (85%)
- Blue (54%)



- Red (45%)
- Yellow (78%)
- Blue (85%)



- Cyan (47%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



- Cyan (55%)
- Magenta (15%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72D989 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 72D989 by changing the saturation by 10% instead.



 72D989

 72D989

FFFFFF

 55BD6F

 ABFFBF

 37A156

 C8FFDB

 0F863E


 E5FFF8

 006C26

 00530F

 003B00

 002500

 000000

 72D989

 72D989

 5CD978

 88D99A

 47D967

 9DD9AB

 31D956

 B3D9BC

 1BD946

 C9D9CC

 06D935

 DFD9DD

 00D930

 F4D9EE

 FFD9FF

# Harmonies

## Analogous

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



B3CF63



72D989



00DEBD

# Triad

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



72D989



56CBFF



FF9C97

# Complementary

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



72D989



D972C2

# 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.



FF98CB



72D989



BFB8FF

# Square

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



72D989



00D7FF



FFA4FD



FFAC6D

# Rectangle

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



72D989



00DEE1



FFA4FD



FF99A8

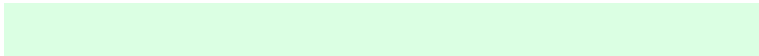


# Sweetspot

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



72D989



DBFFE3



C3D972



6A806F



000000



808080



# Same Dimension

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



72D989



6EFF8E



72D9BC



636E65



00AD27



002E0A



# Inverse Universe

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



D972C2



FF6EDF



D9728F



6E636B



AD0087

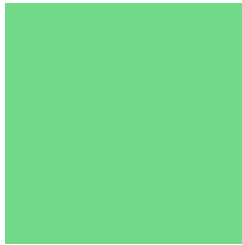


2E0024



# Previews

## White Background



This preview shows how the Hex color 72D989 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 72D989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

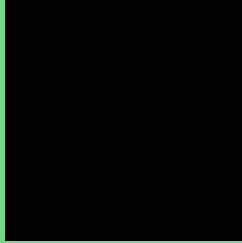
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72D989 Background



This preview shows how black text looks on a background with the Hex color 72D989.

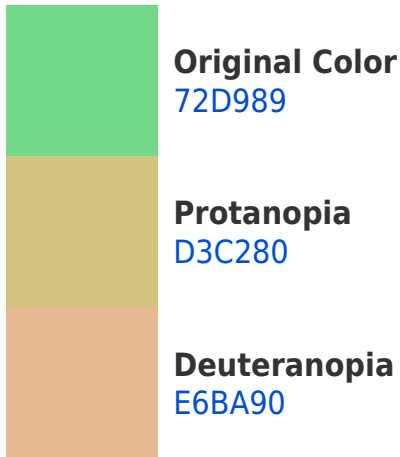


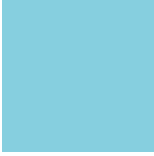
This preview shows how white text looks on a background with the Hex color 72D989.

# 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



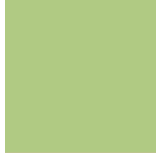


**Tritanopia**  
86CFDF

# Trichromacy



**Original Color**  
72D989



**Protanomaly**  
B0CA83



**Deuteranomaly**  
BCC58D

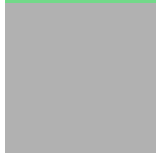


**Tritanomaly**  
7FD3C0

# Monochromacy



**Original Color**  
72D989



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
9AC0A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72D989 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 #72D989 looks like.

```
.text, #text, p{  
    color:#72D989  
}
```

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 #72D989 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D989
}
```

## Border

The CSS property to change the border of an element to Hex 72D989 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
#72D989 }
```

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

```
.border{ border-color:#72D989 }
```

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

Here you see how a box with a 4 pixel #72D989 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D989; -webkit-box-shadow:4px 4px  
4px 4px #72D989; box-shadow:4px 4px 4px  
4px #72D989 }
```

# Background

The CSS property to change the background color of an element to Hex 72D989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D989 }
```

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

```
.background{ background-color:#72D989 }
```

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