

# Converting Colors

Hex(72D0A7)

Have a look what the booklet for  
Hex(72D0A7) contains.

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**Color**

**Hex(72D0A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72D0A7
RGB	114, 208, 167
RGB Percent	45%, 82%, 65%
CMY	0.5529, 0.1843, 0.3451
CMYK	0.45, 0.00, 0.20, 0.18
HSL	154°, 50%, 63%
HSV	154°, 45%, 82%
XYZ	36.4704, 51.4792, 44.5735
YIQ	175.2200, -42.8630, -32.6790

# Conversions

## Conversions Part 2

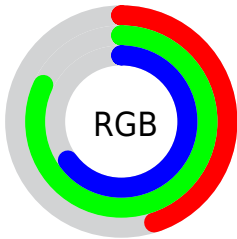
Format	Color
<a href="#">RYB</a>	<a href="#">114, 174, 208</a>
Decimal	<a href="#">7524519</a>
CIELab	<a href="#">76.97, -37.39, 11.79</a>
CIElCh	<a href="#">77, 39.207, 162.504</a>
Yxy	<a href="#">51.4792, 0.2752, 0.3885</a>
Android (android.graphics.Color)	<a href="#">4285714599</a> ( <a href="#">0xFF72D0A7</a> )
YUV	<a href="#">175.2200, -4.0525, -53.6899</a>
Hunter-Lab	<a href="#">71.7490, -34.8283, 13.3908</a>

# Details

The Hex color **72D0A7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D0729B**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **AAFFDE**, and **399973** is the 20% darker color. If you saturate the color by 10%, you get **5DD09E**, and if you desaturate by 10%, it is **87D0B0**.

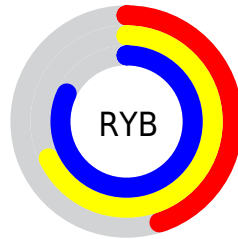
# Distribution



Red (45%)

Green (82%)

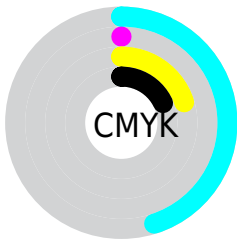
Blue (65%)



Red (45%)

Yellow (68%)

Blue (82%)

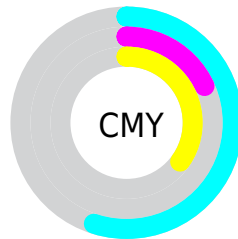


Cyan (45%)

Magenta (0%)

Yellow (20%)

Black (18%)



Cyan (55%)

Magenta (18%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72D0A7 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 72D0A7 by changing the saturation by 10% instead.



 72D0A7

 72D0A7

FFFFFF

 56B48D

 AAFFDE

 399973

 C7FFFB

 177F5A

 E4FFFF

 006543

 004C2D

 003518

 002000

 000000

 72D0A7

 72D0A7

 5DD09E

 87D0B0

 48D095

 9CD0B9

 34D08C

 B0D0C2

 1FD083

 C5D0CB

 0AD07A

 DAD0D4

 00D075

 EFD0DD

 FFD0E7

 FFD0F0

 FFD0F9

# Harmonies

## Analogous

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



9FCA87



72D0A7



43D2CC

# Triad

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



72D0A7



A3BCFF



FFA98F

# Complementary

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



72D0A7



D0729B

# 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.



FFA2B0



72D0A7



D6AFF4

# Square

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



72D0A7



66C8FF



F8A5D5



E9B479

# Rectangle

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



72D0A7



2FD0E4



F8A5D5



FFA699

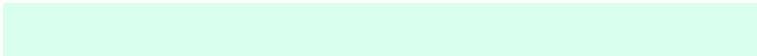


# Sweetspot

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



72D0A7



DBFFE7



9CD072



6A8076



000000



808080



# Same Dimension

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



72D0A7



75FFC3



72CBD0



5E6964



00A85F



002917



# Inverse Universe

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



D0729B



FF75B1



D07772



695E63



A80049

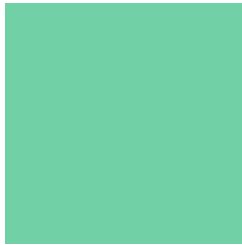


290012



# Previews

## White Background



This preview shows how the Hex color 72D0A7 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 72D0A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

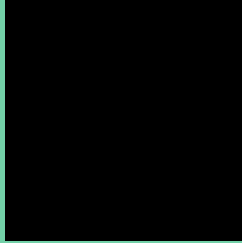
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72D0A7 Background



This preview shows how black text looks on a background with the Hex color 72D0A7.

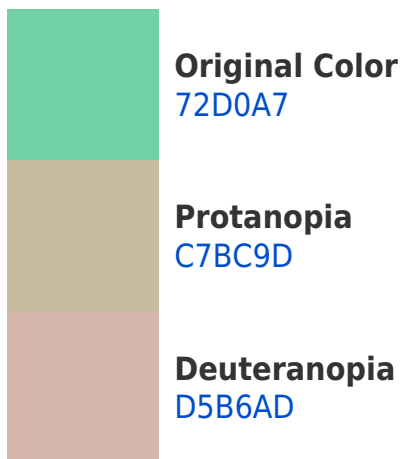


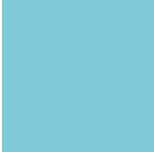
This preview shows how white text looks on a background with the Hex color 72D0A7.

# 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**  
7FC9D9

# Trichromacy



**Original Color**  
72D0A7



**Protanomaly**  
A8C3A1



**Deuteranomaly**  
B1BFAB

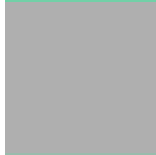


**Tritanomaly**  
7ACCC7

# Monochromacy



**Original Color**  
72D0A7



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
99BBAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72D0A7 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 #72D0A7 looks like.

```
.text, #text, p{  
    color:#72D0A7  
}
```

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 #72D0A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72D0A7
}
```

## Border

The CSS property to change the border of an element to Hex 72D0A7 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
#72D0A7 }
```

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

```
.border{ border-color:#72D0A7 }
```

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

Here you see how a box with a 4 pixel #72D0A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72D0A7; -webkit-box-shadow:4px 4px  
4px 4px #72D0A7; box-shadow:4px 4px 4px  
4px #72D0A7 }
```

# Background

The CSS property to change the background color of an element to Hex 72D0A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72D0A7 }
```

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

```
.background{ background-color:#72D0A7 }
```

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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