

# Converting Colors

Hex(72DAD9)

Have a look what the booklet for  
Hex(72DAD9) contains.

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**Color**

**Hex(72DAD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72DAD9
RGB	114, 218, 217
RGB Percent	45%, 85%, 85%
CMY	0.5529, 0.1451, 0.1490
CMYK	0.48, 0.00, 0.00, 0.15
HSL	179°, 58%, 65%
HSV	179°, 48%, 85%
XYZ	44.5352, 58.7300, 74.6344
YIQ	186.7900, -61.6630, -22.3590

# Conversions

## Conversions Part 2

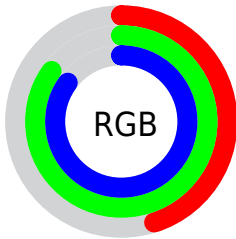
Format	Color
<a href="#">RYB</a>	<a href="#">114, 166, 218</a>
Decimal	<a href="#">7527129</a>
CIELab	<a href="#">81.14, -30.37, -8.85</a>
CIELCh	<a href="#">81, 31.633, 196.255</a>
Yxy	<a href="#">58.7300, 0.2503, 0.3301</a>
Android (android.graphics.Color)	<a href="#">4285717209 (0xFF72DAD9)</a>
YUV	<a href="#">186.7900, 14.8935, -63.8368</a>
Hunter-Lab	<a href="#">76.6355, -30.3803, -4.0970</a>

# Details

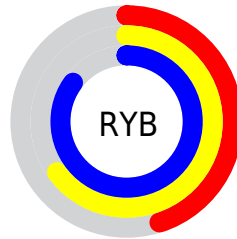
The Hex color **72DAD9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA7273**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ACFFFF**, and **34A3A2** is the 20% darker color. If you saturate the color by 10%, you get **5CDAD9**, and if you desaturate by 10%, it is **88DAD9**.

# Distribution



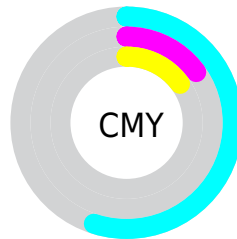
- Red (45%)
- Green (85%)
- Blue (85%)



- Red (45%)
- Yellow (65%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 72DAD9 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 72DAD9 by changing the saturation by 10% instead.



 72DAD9

 72DAD9

FFFFFF

 54BEBD

 ACFFFF

 34A3A2

 CAFFFF

 008888

 E8FFFF

 006E6F

 005656

 003E3F

 002829

 000915

 000000

 72DAD9

 72DAD9

 5CDAD9

 88DAD9

 46DAD9

 9EDAD9

 31DAD8

 B3DADA

 1BDAD8

 C9DADA

 05DAD8

 DFDADA

 00DAD8

 F5DADA

 FFDADA

 FFDADB

# Harmonies

## Analogous

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



8BD9BA



72DAD9



72D7F3

# Triad

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



72DAD9



E2BCF3



EBC390

# Complementary

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



72DAD9



DA7273

# 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.



FFBAA0



72DAD9



FCB5D8

# Square

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



72DAD9



BBC7FF



FFB4BA



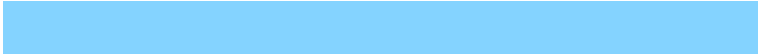
CECD90

# Rectangle

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



72DAD9



84D3FF



FFB4BA



F3C094



# Sweetspot

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



72DAD9



DBFFFF



74DA72



6A807F



000000



808080



# Same Dimension

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



72DAD9



6EFFFF



72A8DA



636E6E



00ADAC



002E2D



# Inverse Universe

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



DA7273



FF6E6F



DAA472



6E6363



AD0002



2E0000



# Previews

## White Background



This preview shows how the Hex color 72DAD9 looks on a white background.

## Color Contrast Check

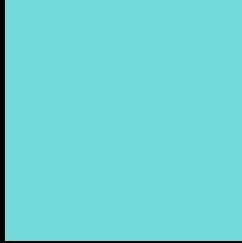
Large Text (above 18pt) WCAG AA × Fail

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 72DAD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

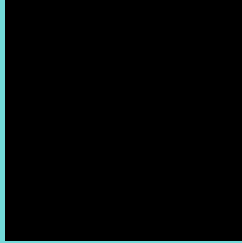
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72DAD9 Background



This preview shows how black text looks on a background with the Hex color 72DAD9.

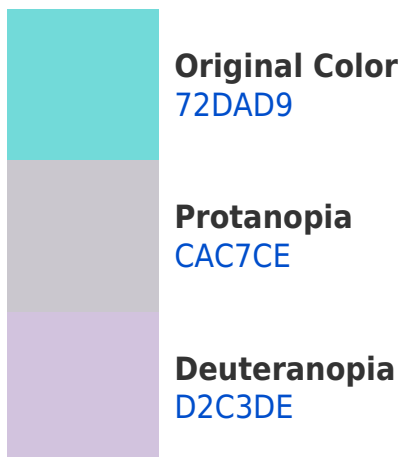


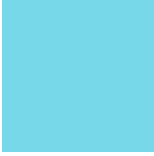
This preview shows how white text looks on a background with the Hex color 72DAD9.

# 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**  
77D8E9

# Trichromacy



**Original Color**  
72DAD9



**Protanomaly**  
AACED2



**Deuteranomaly**  
AFCBDC

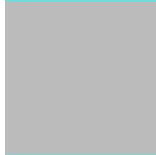


**Tritanomaly**  
75D9E3

# Monochromacy



**Original Color**  
72DAD9



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
A0C6C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72DAD9 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 #72DAD9 looks like.

```
.text, #text, p{  
    color:#72DAD9  
}
```

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 #72DAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72DAD9
}
```

## Border

The CSS property to change the border of an element to Hex 72DAD9 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
#72DAD9 }
```

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

```
.border{ border-color:#72DAD9 }
```

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

Here you see how a box with a 4 pixel #72DAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72DAD9; -webkit-box-shadow:4px 4px  
4px 4px #72DAD9; box-shadow:4px 4px 4px  
4px #72DAD9 }
```

# Background

The CSS property to change the background color of an element to Hex 72DAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72DAD9 }
```

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

```
.background{ background-color:#72DAD9 }
```

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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