

Converting Colors

Hex(79DCCA)

Have a look what the booklet for
Hex(79DCCA) contains.

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Color

Hex(79DCCA)

Conversions

Conversions Part 1

Format	Color
Hex	79DCCA
RGB	121, 220, 202
RGB Percent	47%, 86%, 79%
CMY	0.5255, 0.1373, 0.2078
CMYK	0.45, 0.00, 0.08, 0.14
HSL	169°, 59%, 67%
HSV	169°, 45%, 86%
XYZ	44.1390, 59.5156, 65.0384
YIQ	188.3470, -53.2260, -26.5860

Conversions

Conversions Part 2

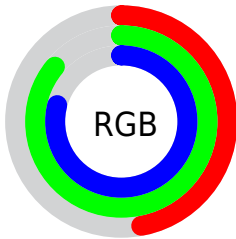
Format	Color
RYB	121, 175, 220
Decimal	7986378
CIELab	81.57, -33.38, -0.20
CIElCh	82, 33.383, 180.350
Yxy	59.5156, 0.2617, 0.3528
Android (android.graphics.Color)	4286176458 (0xFF79DCCA)
YUV	188.3470, 6.7309, -59.0633
Hunter-Lab	77.1464, -32.8780, 4.0179

Details

The Hex color **79DCCA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DC798B**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B2FFFF**, and **3FA494** is the 20% darker color. If you saturate the color by 10%, you get **63DCC6**, and if you desaturate by 10%, it is **8FDCCE**.

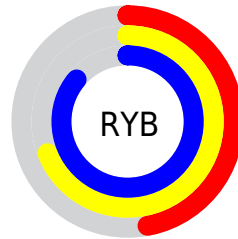
Distribution



Red (47%)

Green (86%)

Blue (79%)



Red (47%)

Yellow (69%)

Blue (86%)

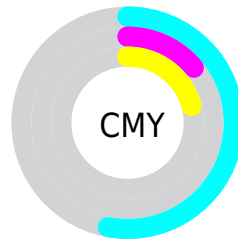


Cyan (45%)

Magenta (0%)

Yellow (8%)

Black (14%)



Cyan (53%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79DCCA 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 79DCCA by changing the saturation by 10% instead.

 79DCCA

 79DCCA

FFFFFF

 5CC0AF

 B2FFFF

 3FA494

 CFFFFFF

 1B8A7A

 EDFFFF

 007062

 00574A

 003F33

 00291E

 000B06

 000000

 79DCCA

 79DCCA

 63DCC6

 8FDCCE

 4DDCC2

 A5DCD2

 37DCBE

 BBDCD6

 21DCBA

 D1DCDA

 0BDCB6

 E7DCDE

 00DCB4

 FDDCE2

 FFDCE6

 FFDCEA

 FFDCEE

Harmonies

Analogous

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



9BD9AB



79DCCA



67DBE9

Triad

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



79DCCA



D0C3FF



FABE95

Complementary

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



79DCCA



DC798B

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.



FFB6AD



79DCCA



F3B9EA

Square

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



79DCCA



A3CFFF



FFB4CC



E1C98C

Rectangle

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



79DCCA



6FD8FA



FFB4CC



FFBB9C

Sweetspot

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



79DCCA



DBFFF9



8BDC79



6A807C



000000



808080

Same Dimension

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



79DCCA



75FFE6



79BDDC



636E6C



00AD8E



002E26

Inverse Universe

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



DC798B



FF758E



DC9879



6E6365



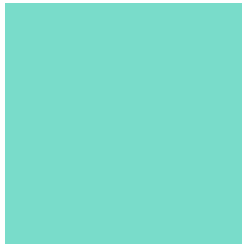
AD0020



2E0008

Previews

White Background



This preview shows how the Hex color 79DCCA looks on a white background.

Color Contrast Check

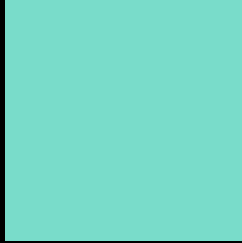
Large Text (above 18pt) WCAG AA × Fail

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 79DCCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

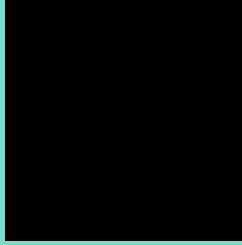
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

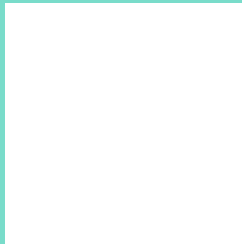
Any Text WCAG AAA ✓ Pass

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

Hex 79DCCA Background



This preview shows how black text looks on a background with the Hex color 79DCCA.

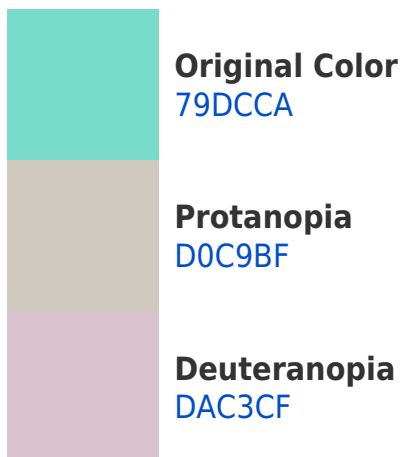


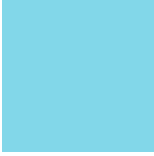
This preview shows how white text looks on a background with the Hex color 79DCCA.

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
82D7E9

Trichromacy



Original Color
79DCCA



Protanomaly
B0D0C3



Deuteranomaly
B7CCCD

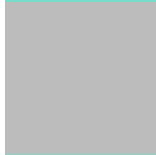


Tritanomaly
7FD9DE

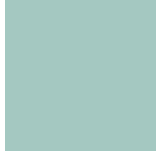
Monochromacy



Original Color
79DCCA



Achromatopsia
BCBCBC



Achromatomaly
A4C8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 79DCCA 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 #79DCCA looks like.

```
.text, #text, p{  
    color:#79DCCA  
}
```

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 #79DCCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79DCCA
}
```

Border

The CSS property to change the border of an element to Hex 79DCCA 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
#79DCCA }
```

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

```
.border{ border-color:#79DCCA }
```

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

Here you see how a box with a 4 pixel #79DCCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79DCCA; -webkit-box-shadow:4px 4px  
4px 4px #79DCCA; box-shadow:4px 4px 4px  
4px #79DCCA }
```

Background

The CSS property to change the background color of an element to Hex 79DCCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79DCCA }
```

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

```
.background{ background-color:#79DCCA }
```

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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