

Converting Colors

Hex(96DCCC)

Have a look what the booklet for
Hex(96DCCC) contains.

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Color

Hex(96DCCC)

Conversions

Conversions Part 1

Format	Color
Hex	96DCCC
RGB	150, 220, 204
RGB Percent	59%, 86%, 80%
CMY	0.4118, 0.1373, 0.2000
CMYK	0.32, 0.00, 0.07, 0.14
HSL	166°, 50%, 73%
HSV	166°, 32%, 86%
XYZ	49.0700, 62.0301, 66.5135
YIQ	197.2460, -36.5840, -19.8160

Conversions

Conversions Part 2

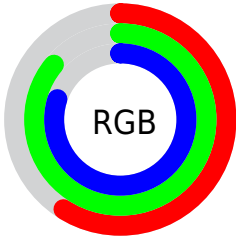
Format	Color
RYB	150, 190, 220
Decimal	9886924
CIELab	82.93, -25.31, 0.87
CIElCh	83, 25.326, 178.034
Yxy	62.0301, 0.2763, 0.3492
Android (android.graphics.Color)	4288077004 (0xFF96DCCC)
YUV	197.2460, 3.3297, -41.4347
Hunter-Lab	78.7592, -26.6162, 5.0600

Details

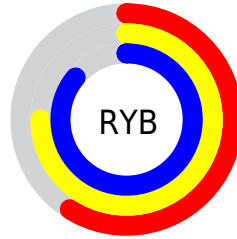
The Hex color **96DCCC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DC96A6**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CEFFFF**, and **60A596** is the 20% darker color. If you saturate the color by 10%, you get **80DCC7**, and if you desaturate by 10%, it is **ACDCD1**.

Distribution



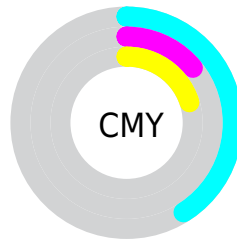
- Red (59%)
- Green (86%)
- Blue (80%)



- Red (59%)
- Yellow (75%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (41%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DCCC 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 96DCCC by changing the saturation by 10% instead.

 96DCCC

FFFFFF

 CEFFFF

 EBFFFF

 96DCCC

 7BC0B1

 60A596

 468A7C

 2B7163

 09584B

 004035

 002920

 001208

 000000

 96DCCC

 96DCCC

 80DCC7

 ACDCD1

 6ADCC2

 C2DCD6

 54DCBD

 D8DCDB

 3EDCB8

 EEDCE0

 28DCB3

 FFDCE5

 12DCAE

 FFDCEA

 00DCAA

 FFDCEF

 FFDCE4

 FFDCE9

Harmonies

Analogous

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



ADD9B5



96DCCC



8BDBE4

Triad

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



96DCCC



D1C9F8



F6C5A7

Complementary

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



96DCCC



DC96A6

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.



FFBFB9



96DCCC



ECC2E8

Square

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



96DCCC



B0D1FE



FCBED1



E2CC9F

Rectangle

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



96DCCC



90D9F1



FCBED1



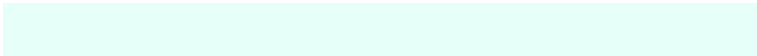
FAC2AC

Sweetspot

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



96DCCC



E6FFF9



A6DC96



70807C



000000



808080

Same Dimension

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



96DCCC



9EFFE9



96C9DC



636E6B



00AD86



002E23

Inverse Universe

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



DC96A6



FF9EB4



DCA996



6E6365



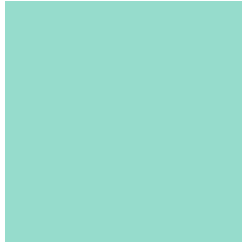
AD0028



2E000A

Previews

White Background



This preview shows how the Hex color 96DCCC looks on a white background.

Color Contrast Check

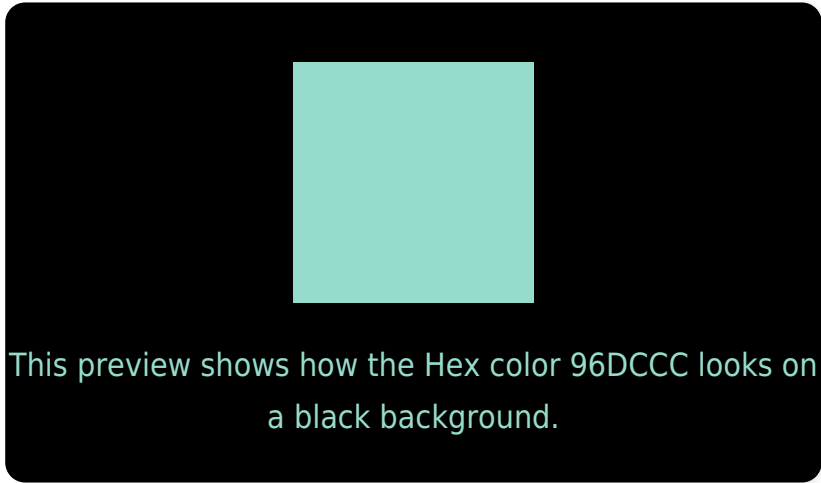
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

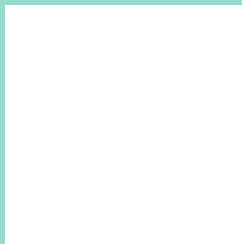
Any Text WCAG AAA ✓ Pass

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

Hex 96DCCC Background



This preview shows how black text looks on a background with the Hex color 96DCCC.

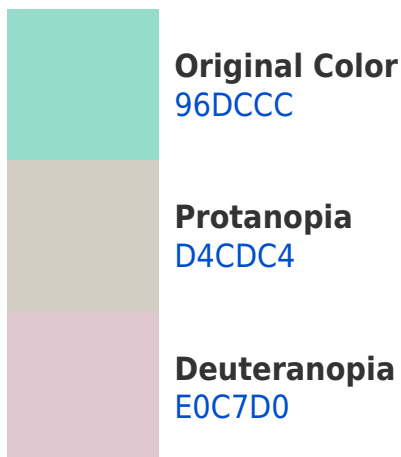


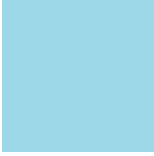
This preview shows how white text looks on a background with the Hex color 96DCCC.

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](#).

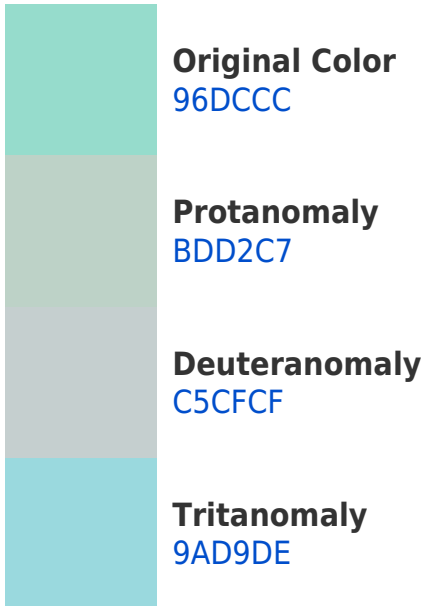
Dichromacy



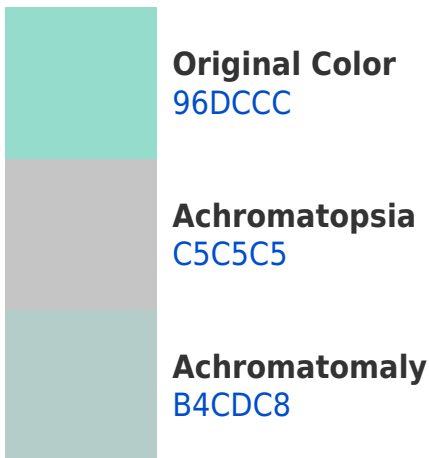


Tritanopia
9DD8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96DCCC 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 #96DCCC looks like.

```
.text, #text, p{  
    color:#96DCCC  
}
```

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 #96DCCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DCCC
}
```

Border

The CSS property to change the border of an element to Hex 96DCCC 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
#96DCCC }
```

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

```
.border{ border-color:#96DCCC }
```

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

Here you see how a box with a 4 pixel #96DCCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DCCC; -webkit-box-shadow:4px 4px  
4px 4px #96DCCC; box-shadow:4px 4px 4px  
4px #96DCCC }
```

Background

The CSS property to change the background color of an element to Hex 96DCCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DCCC }
```

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

```
.background{ background-color:#96DCCC }
```

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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