

# Converting Colors

Hex(3DCBC9)

Have a look what the booklet for  
Hex(3DCBC9) contains.

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# Color

**Hex(3DCBC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DCBC9
RGB	61, 203, 201
RGB Percent	24%, 80%, 79%
CMY	0.7608, 0.2039, 0.2118
CMYK	0.70, 0.00, 0.01, 0.20
HSL	179°, 58%, 52%
HSV	179°, 70%, 80%
XYZ	33.8230, 47.9210, 62.7254
YIQ	160.3140, -83.9900, -30.7260

# Conversions

## Conversions Part 2

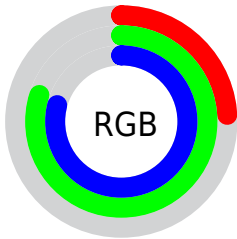
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 133, 203
Decimal	4049865
CIELab	74.78, -36.95, -9.91
CIELCh	75, 38.257, 195.006
Yxy	47.9210, 0.2341, 0.3317
Android (android.graphics.Color)	4282239945 (0xFF3DCBC9)
YUV	160.3140, 20.0582, -87.0984
Hunter-Lab	69.2250, -33.9295, -5.2657




# Details

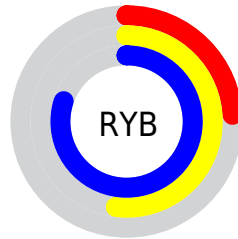
The Hex color **3DCBC9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CB3D3F**, and the grayscale version is **A0A0A0**.




A 20% lighter version of the original color is **80FFFF**, and **009493** is the 20% darker color. If you saturate the color by 10%, you get **29CBC9**, and if you desaturate by 10%, it is **51CBC9**.

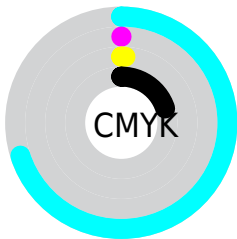
# Distribution







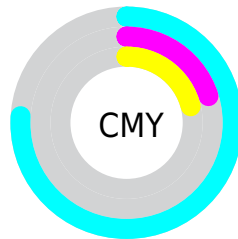
-  Red (24%)
-  Green (80%)
-  Blue (79%)






-  Red (24%)
-  Yellow (52%)
-  Blue (80%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (20%)



-  Cyan (76%)
-  Magenta (20%)
-  Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DCBC9 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 3DCBC9 by changing the saturation by 10% instead.



 3DCBC9

 3DCBC9

FFFFFF

 00AFAE

 80FFFF

 009493

 9FFFFFFF

 007A79

 BEFFFF

 006061

 DCFFFF

 004849

 FBFFFF

 003032

 001A1E

 000002

 000000

 3DCBC9

 3DCBC9

 29CBC9

 51CBC9

 14CBC8

 66CBCA

 00CBC8

 7ACBCA

 8ECBCA

 A3CBCA

 B7CBCB

 CBCBCB

 DFCBCB

 F4CBCC

# Harmonies

## Analogous

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



6ACAA5



3DCBC9



34C8E9

# Triad

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



3DCBC9



D2A9EA



DFB074

# Complementary

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



3DCBC9



CB3D3F

# 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.



F6A488



3DCBC9



F29FCB

# Square

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



3DCBC9



A2B5FC



FD9DA7



BEBC73

# Rectangle

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



3DCBC9



54C4F7



FD9DA7



E8AC79

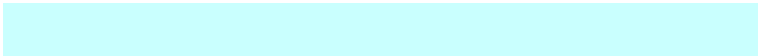


# Sweetspot

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



3DCBC9



C9FFFE



3FCB3D



60807F



000000



808080



# Same Dimension

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



3DCBC9



29FFFC



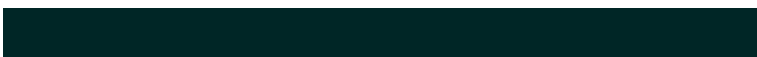
3D86CB



5C6666



00A6A3



002626



# Inverse Universe

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



CB3D3F



FF292C



CB823D



665C5C



A60002

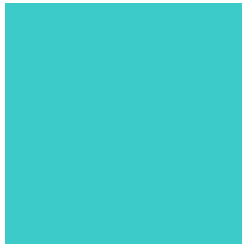


260001



# Previews

## White Background



This preview shows how the Hex color 3DCBC9 looks on a white background.

## Color Contrast Check

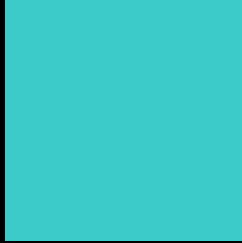
Large Text (above 18pt) WCAG AA × Fail

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 3DCBC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

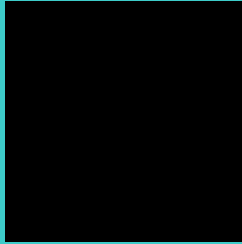
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3DCBC9 Background



This preview shows how black text looks on a background with the Hex color 3DCBC9.

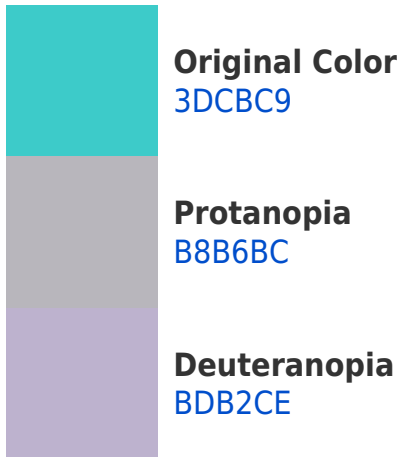


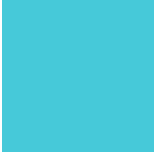
This preview shows how white text looks on a background with the Hex color 3DCBC9.

# 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**  
46C9D9

# Trichromacy



**Original Color**  
3DCBC9



**Protanomaly**  
8BBEC1



**Deuteranomaly**  
8EBBCC



**Tritanomaly**  
43CAD3

# Monochromacy



**Original Color**  
3DCBC9



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
7CB0AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DCBC9 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 #3DCBC9 looks like.

```
.text, #text, p{  
    color:#3DCBC9  
}
```

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 #3DCBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DCBC9
}
```

## Border

The CSS property to change the border of an element to Hex 3DCBC9 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
#3DCBC9 }
```

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

```
.border{ border-color:#3DCBC9 }
```

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

Here you see how a box with a 4 pixel #3DCBC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DCBC9; -webkit-box-shadow:4px 4px  
4px 4px #3DCBC9; box-shadow:4px 4px 4px  
4px #3DCBC9 }
```

# Background

The CSS property to change the background color of an element to Hex 3DCBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DCBC9 }
```

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

```
.background{ background-color:#3DCBC9 }
```

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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