

# Converting Colors

Hex(37DB9A)

Have a look what the booklet for  
Hex(37DB9A) contains.

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**Color**

**Hex(37DB9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37DB9A
RGB	55, 219, 154
RGB Percent	22%, 86%, 60%
CMY	0.7843, 0.1412, 0.3961
CMYK	0.75, 0.00, 0.30, 0.14
HSL	156°, 69%, 54%
HSV	156°, 75%, 86%
XYZ	32.7398, 53.8084, 39.2323
YIQ	162.5540, -76.8790, -54.9830

# Conversions

## Conversions Part 2

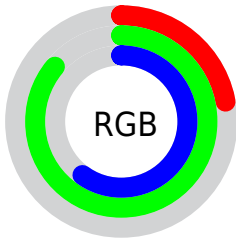
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 157, 219
Decimal	3660698
CIELab	78.35, -56.18, 20.35
CIELCh	78, 59.758, 160.085
Yxy	53.8084, 0.2603, 0.4278
Android (android.graphics.Color)	4281850778 (0xFF37DB9A)
YUV	162.5540, -4.2171, -94.3249
Hunter-Lab	73.3542, -48.7008, 19.6376

# Details

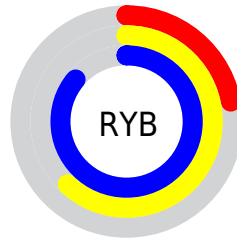
The Hex color **37DB9A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DB3778**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7DFFD1**, and **00A367** is the 20% darker color. If you saturate the color by 10%, you get **21DB91**, and if you desaturate by 10%, it is **4DDBA3**.

# Distribution



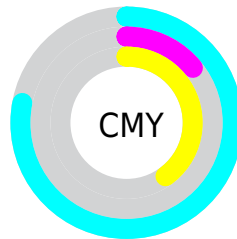
- Red (22%)
- Green (86%)
- Blue (60%)



- Red (22%)
- Yellow (62%)
- Blue (86%)



- Cyan (75%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)



- Cyan (78%)
- Magenta (14%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37DB9A 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 37DB9A by changing the saturation by 10% instead.



 37DB9A

 37DB9A

FFFFFF

 00BF80

 7DFFD1

 00A367

 9CFFED

 00884E

 BBFFFF

 006D37

 D9FFFF

 005421

 F8FFFF

 003B0B

 002400

 000000

 37DB9A

 37DB9A

 21DB91

 4DDBA3

 0BDB89

 63DBAB

 00DB84

 79DBB4

 8FDBBD

 A5DBC5

 BADBCE

 D0DBD7

 E6DBDF

 FCDBE8

# Harmonies

## Analogous

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



94D369



37DB9A



00DED3

# Triad

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



37DB9A



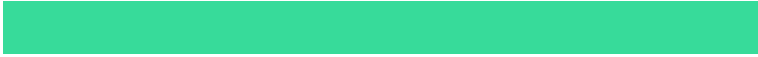
82C1FF



FF9D7D

# Complementary

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



37DB9A



DB3778

# 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.



FF92B1



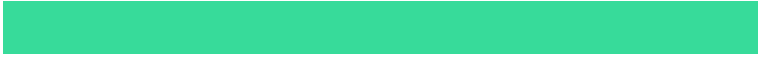
37DB9A



DEACFF

# Square

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



37DB9A



00D2FF



FF98E9



FFB258

# Rectangle

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



37DB9A



00DDF8



FF98E9



FF988D

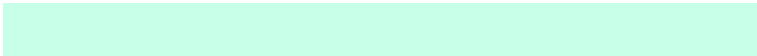


# Sweetspot

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



37DB9A



C7FFE9



79DB37



5E8072



000000



808080



# Same Dimension

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



37DB9A



19FFA4



37CBDB



636E69



00AD69



002E1C



# Inverse Universe

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



DB3778



FF1974



DB4737



6E6367



AD0045

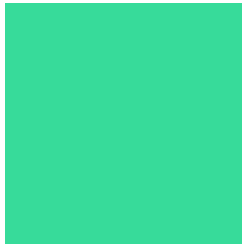


2E0012



# Previews

## White Background



This preview shows how the Hex color 37DB9A 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 37DB9A 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 37DB9A Background



This preview shows how black text looks on a background with the Hex color 37DB9A.

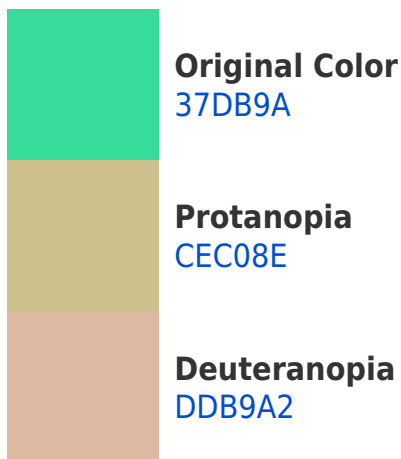


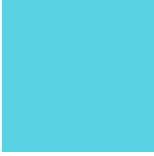
This preview shows how white text looks on a background with the Hex color 37DB9A.

# 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](#).

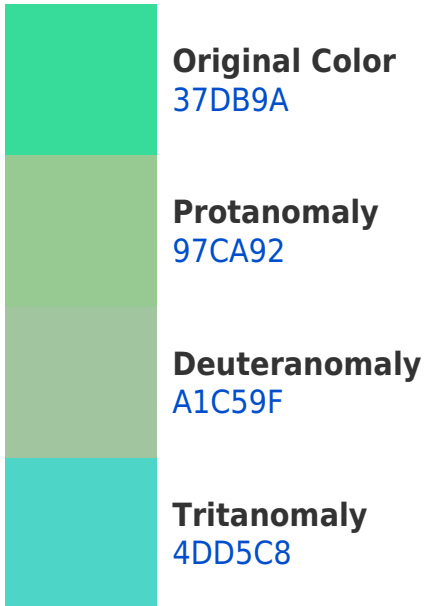
## Dichromacy



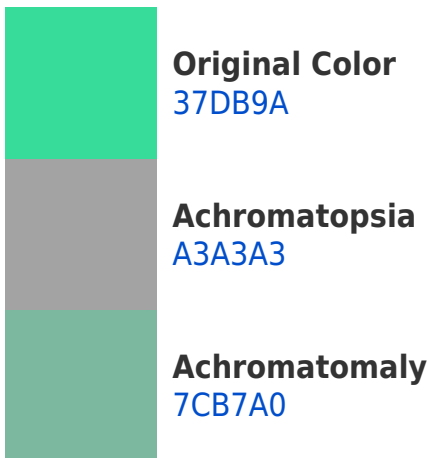


**Tritanopia**  
59D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37DB9A 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 #37DB9A looks like.

```
.text, #text, p{  
    color:#37DB9A  
}
```

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 #37DB9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37DB9A
}
```

## Border

The CSS property to change the border of an element to Hex 37DB9A 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
#37DB9A }
```

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

```
.border{ border-color:#37DB9A }
```

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

Here you see how a box with a 4 pixel #37DB9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37DB9A; -webkit-box-shadow:4px 4px  
4px 4px #37DB9A; box-shadow:4px 4px 4px  
4px #37DB9A }
```

# Background

The CSS property to change the background color of an element to Hex 37DB9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37DB9A }
```

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

```
.background{ background-color:#37DB9A }
```

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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