

# Converting Colors

Hex(63DACC)

Have a look what the booklet for  
Hex(63DACC) contains.

|                                                |    |
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**Color**

**Hex(63DACC)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 63DACC                       |
| RGB         | 99, 218, 204                 |
| RGB Percent | 39%, 85%, 80%                |
| CMY         | 0.6118, 0.1451, 0.2000       |
| CMYK        | 0.55, 0.00, 0.06, 0.15       |
| HSL         | 173°, 62%, 62%               |
| HSV         | 173°, 55%, 85%               |
| XYZ         | 41.1161, 57.1551, 65.9917    |
| YIQ         | 180.8230, -66.4300, -29.5820 |

# Conversions

## Conversions Part 2

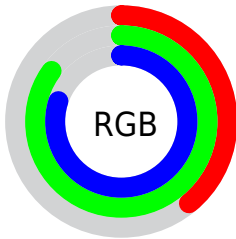
| Format                              | Color                                           |
|-------------------------------------|-------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">99, 162, 218</a>                    |
| Decimal                             | <a href="#">6544076</a>                         |
| CIELab                              | <a href="#">80.27, -36.80, -3.28</a>            |
| CIElCh                              | <a href="#">80, 36.941, 185.090</a>             |
| Yxy                                 | <a href="#">57.1551, 0.2503,<br/>0.3479</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284734156<br/>(0xFF63DACC)</a>     |
| YUV                                 | <a href="#">180.8230, 11.4263,<br/>-71.7588</a> |
| Hunter-Lab                          | <a href="#">75.6010, -35.2234,<br/>1.1667</a>   |

# Details

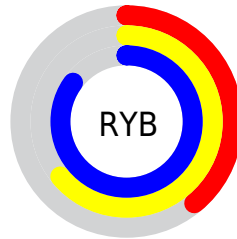
The Hex color **63DACC** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DA6371**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9FFFFFF**, and **1AA296** is the 20% darker color. If you saturate the color by 10%, you get **4DDAC9**, and if you desaturate by 10%, it is **79DACF**.

# Distribution



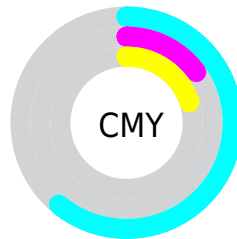
- Red (39%)
- Green (85%)
- Blue (80%)



- Red (39%)
- Yellow (64%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (61%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63DACC 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 63DACC by changing the saturation by 10% instead.



 63DACC

 63DACC

FFFFFF

 43BEB1

 9FFFFFF

 1AA296

 BCFFFF

 00887C

 DAFFFF

 006E63

 F8FFFF

 00554B

 003D35

 002720

 000209

 000000

■ 63DACC

■ 63DACC

■ 4DDAC9

■ 79DACF

■ 37DAC7

■ 8FDAD1

■ 22DAC4

■ A4DAD4

■ 0CDAC2

■ BADAD6

■ 00DAC0

■ D0DAD9

■ E6DADB

■ FCDADE

■ FFDAE1

■ FFDAE3

# Harmonies

## Analogous

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



8BD7A9



63DACC



4FD8EE

# Triad

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



63DACC



D3BCFF



F7BB89

# Complementary

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



63DACC



DA6371

# 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.



FFB1A1



63DACC



F8B1E5

# Square

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



63DACC



A1C8FF



FFADC2



D9C782

# Rectangle

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



63DACC



5ED5FF



FFADC2



FEB790

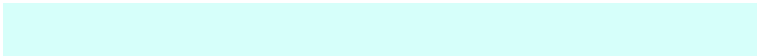


# Sweetspot

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



63DACC



D6FFFA



73DA63



67807D



000000



808080



# Same Dimension

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



63DACC



57FFEB



63AEDA



636E6C



00AD99



002E29



# Inverse Universe

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



DA6371



FF576A



DA8F63



6E6364



AD0014

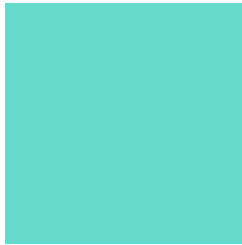


2E0005



# Previews

## White Background



This preview shows how the Hex color 63DACC looks on a white background.

## Color Contrast Check

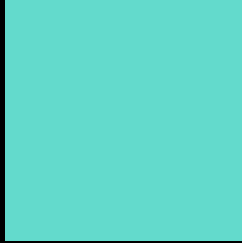
Large Text (above 18pt) WCAG AA × Fail

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 63DACC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

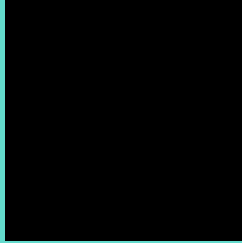
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

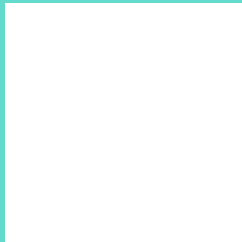
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 63DACC Background



This preview shows how black text looks on a background with the Hex color 63DACC.

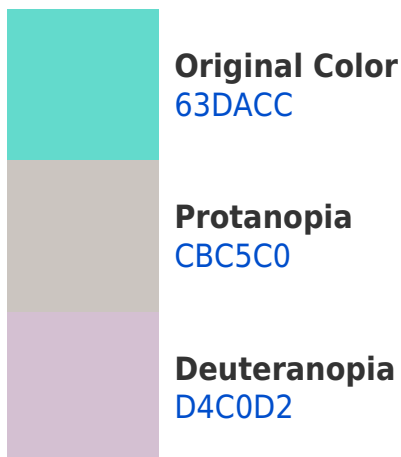


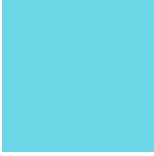
This preview shows how white text looks on a background with the Hex color 63DACC.

# 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](#).

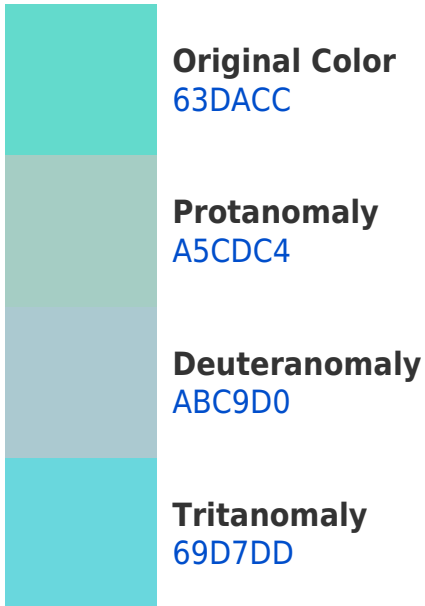
## Dichromacy



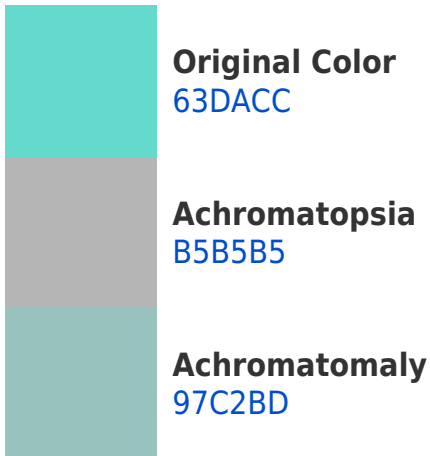


**Tritanopia**  
6DD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63DACC 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 #63DACC looks like.

```
.text, #text, p{  
  color:#63DACC  
}
```

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 #63DACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DACC
}
```

## Border

The CSS property to change the border of an element to Hex 63DACC 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
#63DACC }
```

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

```
.border{ border-color:#63DACC }
```

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

Here you see how a box with a 4 pixel #63DACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DACC; -webkit-box-shadow:4px 4px  
4px 4px #63DACC; box-shadow:4px 4px 4px  
4px #63DACC }
```

# Background

The CSS property to change the background color of an element to Hex 63DACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DACC }
```

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

```
.background{ background-color:#63DACC }
```

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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