

# Converting Colors

Hex(63DBD2)

Have a look what the booklet for  
Hex(63DBD2) contains.

|  |    |
|--|----|
| <b>Hex(63DBD2)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(63DBD2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 63DBD2                       |
| RGB         | 99, 219, 210                 |
| RGB Percent | 39%, 86%, 82%                |
| CMY         | 0.6118, 0.1412, 0.1765       |
| CMYK        | 0.55, 0.00, 0.04, 0.14       |
| HSL         | 176°, 62%, 62%               |
| HSV         | 176°, 55%, 86%               |
| XYZ         | 42.1100, 57.9688, 69.9424    |
| YIQ         | 182.0940, -68.6310, -28.2390 |

# Conversions

## Conversions Part 2

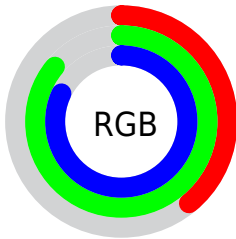
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">99, 161, 219</a>                                 |
| Decimal                             | <a href="#">6544338</a>                                      |
| CIELab                              | <a href="#">80.72, -35.73, -5.81</a>                         |
| CIELCh                              | <a href="#">81, 36.201, 189.228</a>                          |
| Yxy                                 | <a href="#">57.9688, 0.2477, 0.3410</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284734418</a><br>( <a href="#">0xFF63DBD2</a> ) |
| YUV                                 | <a href="#">182.0940, 13.7577, -72.8734</a>                  |
| Hunter-Lab                          | <a href="#">76.1373, -34.5155, -1.1699</a>                   |

# Details

The Hex color **63DBD2** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DB636C**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9FFFFFF**, and **18A39C** is the 20% darker color. If you saturate the color by 10%, you get **4DDBD0**, and if you desaturate by 10%, it is **79DBD4**.

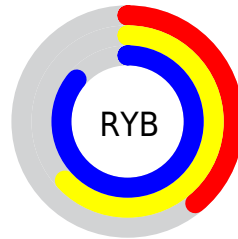
# Distribution



Red (39%)

Green (86%)

Blue (82%)



Red (39%)

Yellow (63%)

Blue (86%)

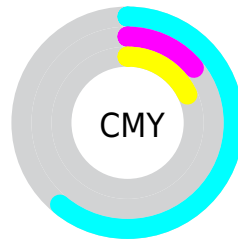


Cyan (55%)

Magenta (0%)

Yellow (4%)

Black (14%)



Cyan (61%)

Magenta (14%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63DBD2 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 63DBD2 by changing the saturation by 10% instead.



 63DBD2

 63DBD2

FFFFFF

 43BFB6

 9FFFFFF

 18A39C

 BDFFFF

 008982

 DBFFFF

 006F69

 F9FFFF

 005651

 003E3A

 002824

 000610

 000000

■ 63DBD2

■ 63DBD2

■ 4DDBD0

■ 79DBD4

■ 37DBCF

■ 8FDBD5

■ 21DBCD

■ A5DBD7

■ 0BDBC8

■ BBDBD9

■ 00DBC8

■ D1DBDA

■ E6DBDC

■ FCDBDD

■ FFDBDF

■ FFDBE1

# Harmonies

## Analogous

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



88D9AF



63DBD2



57D9F2

# Triad

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



63DBD2



DABCFD



F4BE8A

# Complementary

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



63DBD2



DB636C

# 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.



FFB49F



63DBD2



FCB2E1

# Square

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



63DBD2



ABC8FF



FFAFBF



D5CA85

# Rectangle

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



63DBD2



69D5FF



FFAFBF



FCBA8F

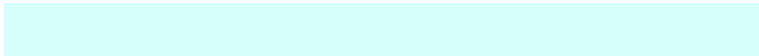


# Sweetspot

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



63DBD2



D6FFFC



6DDB63



67807E



000000



808080



# Same Dimension

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



63DBD2



57FFF2



63A9DB



636E6D



00ADA0



002E2A



# Inverse Universe

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



DB636C



FF5763



DB9563



6E6364



AD000D

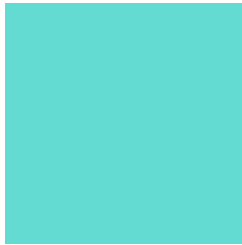


2E0003



# Previews

## White Background



This preview shows how the Hex color 63DBD2 looks on a white background.

## Color Contrast Check

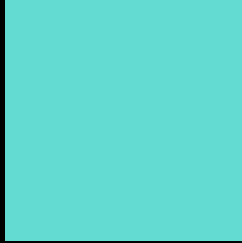
Large Text (above 18pt) WCAG AA × Fail

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 63DBD2 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 63DBD2 Background



This preview shows how black text looks on a background with the Hex color 63DBD2.

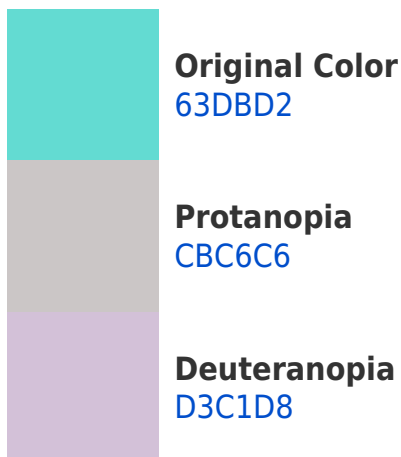


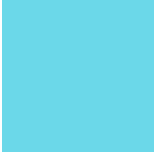
This preview shows how white text looks on a background with the Hex color 63DBD2.

# 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](#).

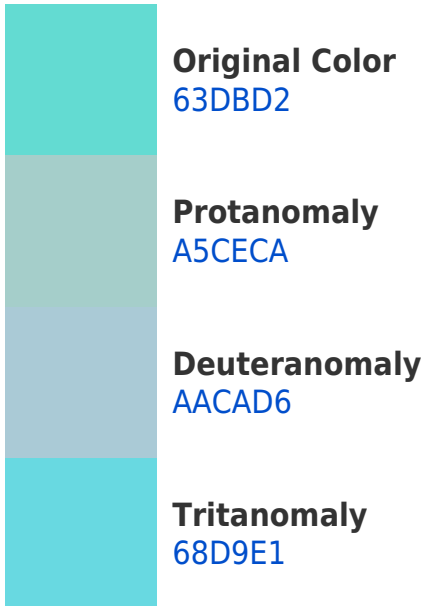
## Dichromacy





**Tritanopia**  
6BD8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63DBD2 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 #63DBD2 looks like.

```
.text, #text, p{  
    color:#63DBD2  
}
```

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 #63DBD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DBD2
}
```

## Border

The CSS property to change the border of an element to Hex 63DBD2 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
#63DBD2 }
```

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

```
.border{ border-color:#63DBD2 }
```

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

Here you see how a box with a 4 pixel #63DBD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DBD2; -webkit-box-shadow:4px 4px  
4px 4px #63DBD2; box-shadow:4px 4px 4px  
4px #63DBD2 }
```

# Background

The CSS property to change the background color of an element to Hex 63DBD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DBD2 }
```

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

```
.background{ background-color:#63DBD2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor