

# Converting Colors

Hex(63DAC8)

Have a look what the booklet for  
Hex(63DAC8) contains.

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**Color**

**Hex(63DAC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63DAC8
RGB	99, 218, 200
RGB Percent	39%, 85%, 78%
CMY	0.6118, 0.1451, 0.2157
CMYK	0.55, 0.00, 0.08, 0.15
HSL	171°, 62%, 62%
HSV	171°, 55%, 85%
XYZ	40.6423, 56.9656, 63.4970
YIQ	180.3670, -65.1460, -30.8260

# Conversions

## Conversions Part 2

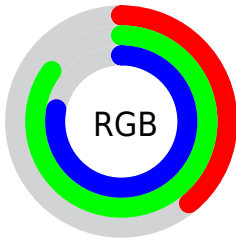
Format	Color
<b>RYB</b>	99, 163, 218
Decimal	6544072
CIELab	80.16, -37.79, -1.30
CIELCh	80, 37.817, 181.971
Yxy	56.9656, 0.2523, 0.3536
Android (android.graphics.Color)	4284734152 (0xFF63DAC8)
YUV	180.3670, 9.6791, -71.3589
Hunter-Lab	75.4756, -35.9630, 2.9527

# Details

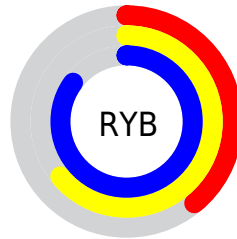
The Hex color **63DAC8** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DA6375**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9FFFFFF**, and **1BA292** is the 20% darker color. If you saturate the color by 10%, you get **4DDAC5**, and if you desaturate by 10%, it is **79DACB**.

# Distribution



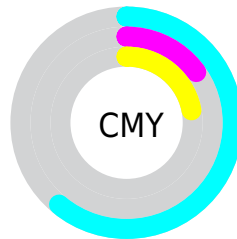
- Red (39%)
- Green (85%)
- Blue (78%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (61%)
- Magenta (15%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63DAC8 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 63DAC8 by changing the saturation by 10% instead.



 63DAC8

 63DAC8

FFFFFF

 43BEAD

 9FFFFFF

 1BA292

 BCFFFF

 008878

 DAFFFF

 006E60

 F8FFFF

 005548

 003D32

 00271D

 000104

 000000

■ 63DAC8

■ 63DAC8

■ 4DDAC5

■ 79DACB

■ 37DAC1

■ 8FDACF

■ 22DABE

■ A4DAD2

■ 0CDABB

■ BADAD5

■ 00DAB9

■ D0DAD8

■ E6DADC

■ FCDADF

■ FFDAE2

■ FFDAE6

# Harmonies

## Analogous

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



8DD7A5



63DAC8



49D9EB

# Triad

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



63DAC8



CEBDFE



FAB989

# Complementary

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



63DAC8



DA6375

# 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.



FFAFA3



63DAC8



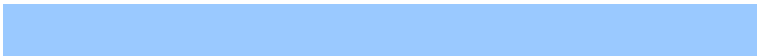
F6B1E9

# Square

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



63DAC8



9AC9FF



FFACC6



DDC580

# Rectangle

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



63DAC8



55D6FD



FFACC6



FFB591

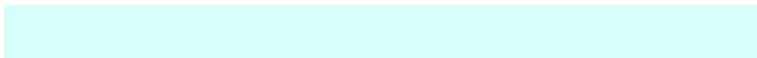


# Sweetspot

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



63DAC8



D6FFF9



77DA63



67807C



000000



808080



# Same Dimension

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



63DAC8



57FFE6



63B2DA



636E6C



00AD93



002E27



# Inverse Universe

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



DA6375



FF5770



DA8B63



6E6364



AD001A

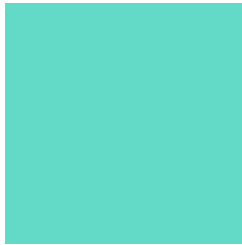


2E0007



# Previews

## White Background



This preview shows how the Hex color 63DAC8 looks on a white background.

## Color Contrast Check

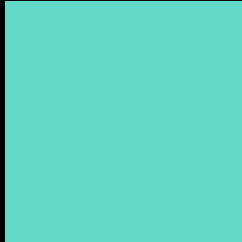
Large Text (above 18pt) WCAG AA × Fail

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 63DAC8 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 63DAC8 Background



This preview shows how black text looks on a background with the Hex color 63DAC8.



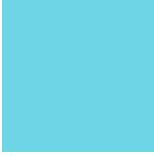
This preview shows how white text looks on a background with the Hex color 63DAC8.

# 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**  
6ED5E7

# Trichromacy



**Original Color**  
63DAC8



**Protanomaly**  
A5CDC0



**Deuteranomaly**  
ACC9CC

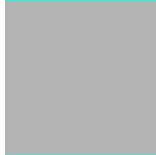


**Tritanomaly**  
6AD7DC

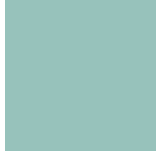
# Monochromacy



**Original Color**  
63DAC8



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
97C2BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63DAC8 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 #63DAC8 looks like.

```
.text, #text, p{  
    color:#63DAC8  
}
```

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 #63DAC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DAC8  
}
```

## Border

The CSS property to change the border of an element to Hex 63DAC8 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  
#63DAC8 }
```

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

```
.border{ border-color:#63DAC8 }
```

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

Here you see how a box with a 4 pixel #63DAC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DAC8; -webkit-box-shadow:4px 4px  
4px 4px #63DAC8; box-shadow:4px 4px 4px  
4px #63DAC8 }
```

# Background

The CSS property to change the background color of an element to Hex 63DAC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DAC8 }
```

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

```
.background{ background-color:#63DAC8 }
```

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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