

# Converting Colors

Hex(90DAC6)

Have a look what the booklet for  
Hex(90DAC6) contains.

<b>Hex(90DAC6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(90DAC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90DAC6
RGB	144, 218, 198
RGB Percent	56%, 85%, 78%
CMY	0.4353, 0.1451, 0.2235
CMYK	0.34, 0.00, 0.09, 0.15
HSL	164°, 50%, 71%
HSV	164°, 34%, 85%
XYZ	46.7660, 60.1493, 62.5712
YIQ	193.5940, -37.6840, -21.9080

# Conversions

## Conversions Part 2

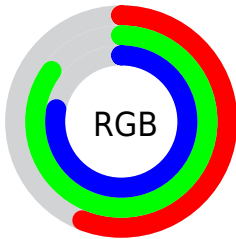
Format	Color
<a href="#">RYB</a>	<a href="#">144, 187, 218</a>
Decimal	<a href="#">9493190</a>
CIELab	<a href="#">81.92, -27.34, 2.55</a>
CIELCh	<a href="#">82, 27.454, 174.674</a>
Yxy	<a href="#">60.1493, 0.2759, 0.3549</a>
Android (android.graphics.Color)	<a href="#">4287683270 (0xFF90DAC6)</a>
YUV	<a href="#">193.5940, 2.1722, -43.4939</a>
Hunter-Lab	<a href="#">77.5560, -28.0880, 6.4547</a>

# Details

The Hex color **90DAC6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DA90A4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C8FFFF**, and **5AA390** is the 20% darker color. If you saturate the color by 10%, you get **7ADAC0**, and if you desaturate by 10%, it is **A6DACC**.

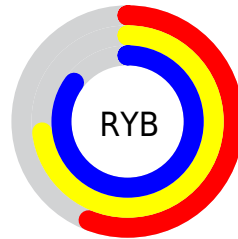
# Distribution



Red (56%)

Green (85%)

Blue (78%)



Red (56%)

Yellow (73%)

Blue (85%)

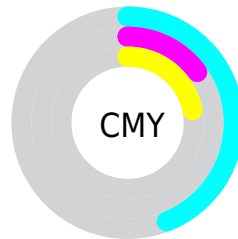


Cyan (34%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (44%)

Magenta (15%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90DAC6 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 90DAC6 by changing the saturation by 10% instead.



 90DAC6

 90DAC6

FFFFFF

 75BEAB

 C8FFFF

 5AA390

 E5FFFF

 3F8877

 236F5E

 005646

 003E30

 00281B

 000D00

 000000

 90DAC6

 90DAC6

 7ADAC0

 A6DACC

 64DABA

 BCDAD2

 4FDAB4

 D1DAD8

 39DAAE

 E7DADE

 23DAA9

 FDDAE3

 0DDAA3

 FFDAE9

 00DA9F

 FFDAEF

 FFDAF5

 FFDAFB

# Harmonies

## Analogous

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



ABD7AD



90DAC6



81DAE0

# Triad

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



90DAC6



CAC7FA



F7C0A3

# Complementary

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



90DAC6



DA90A4

# 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.



FFBAB7



90DAC6



E9BEEA

# Square

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



90DAC6



A6CFFE



FCB9D1



E3C899

# Rectangle

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



90DAC6



84D8EF



FCB9D1



FCBEA9

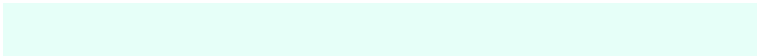


# Sweetspot

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



90DAC6



E6FFF8



A5DA90



70807B



000000



808080



# Same Dimension

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



90DAC6



96FFE3



90CADA



636E6B



00AD7F



002E21



# Inverse Universe

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



DA90A4



FF96B3



DAA090



6E6366



AD002F



2E000C



# Previews

## White Background



This preview shows how the Hex color 90DAC6 looks on a white background.

## Color Contrast Check

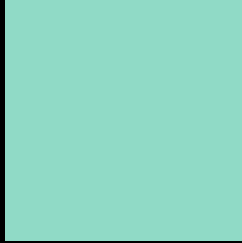
Large Text (above 18pt) WCAG AA × Fail

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 90DAC6 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 90DAC6 Background



This preview shows how black text looks on a background with the Hex color 90DAC6.

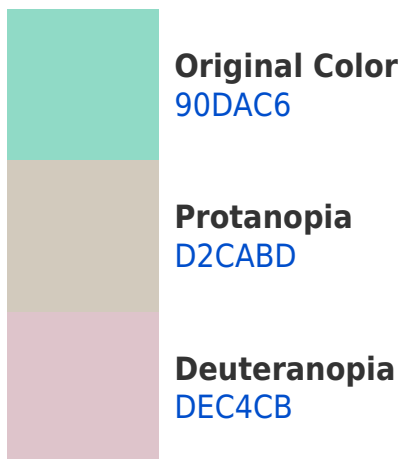


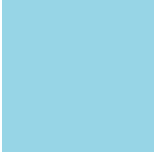
This preview shows how white text looks on a background with the Hex color 90DAC6.

# 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](#).

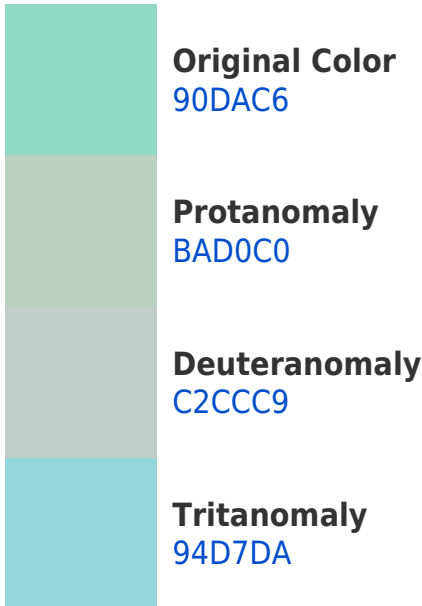
## Dichromacy



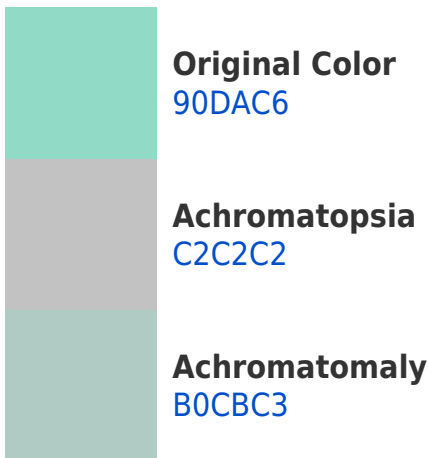


**Tritanopia**  
97D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90DAC6 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 #90DAC6 looks like.

```
.text, #text, p{  
    color:#90DAC6  
}
```

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 #90DAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90DAC6  
}
```

## Border

The CSS property to change the border of an element to Hex 90DAC6 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  
#90DAC6 }
```

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

```
.border{ border-color:#90DAC6 }
```

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

Here you see how a box with a 4 pixel #90DAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90DAC6; -webkit-box-shadow:4px 4px  
4px 4px #90DAC6; box-shadow:4px 4px 4px  
4px #90DAC6 }
```

# Background

The CSS property to change the background color of an element to Hex 90DAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90DAC6 }
```

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

```
.background{ background-color:#90DAC6 }
```

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