

# Converting Colors

Hex(1997AC)

Have a look what the booklet for  
Hex(1997AC) contains.

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# Color

Hex(1997AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	1997AC
RGB	25, 151, 172
RGB Percent	10%, 59%, 67%
CMY	0.9020, 0.4078, 0.3255
CMYK	0.85, 0.12, 0.00, 0.33
HSL	189°, 75%, 39%
HSV	189°, 85%, 67%
XYZ	18.9139, 25.3184, 42.9198
YIQ	115.7200, -81.8370, -20.1810

# Conversions

## Conversions Part 2

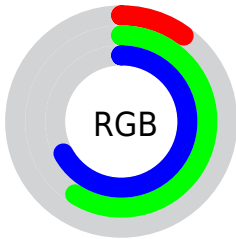
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 93, 172
Decimal	1677228
CIE <sub>Lab</sub>	57.38, -24.40, -20.12
CIE <sub>LCh</sub>	57, 31.625, 219.506
Yxy	25.3184, 0.2170, 0.2905
Android (android.graphics.Color)	4279867308 (0xFF1997AC)
YUV	115.7200, 27.7460, -79.5614
Hunter-Lab	50.3174, -20.9589, -15.3510

# Details

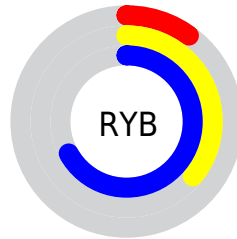
The Hex color **1997AC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AC2E19**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **64CEE3**, and **006478** is the 20% darker color. If you saturate the color by 10%, you get **0895AC**, and if you desaturate by 10%, it is **2A99AC**.

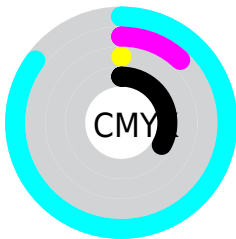
# Distribution



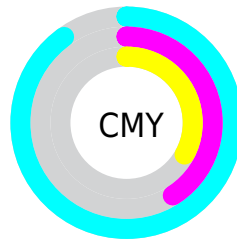
- Red (10%)
- Green (59%)
- Blue (67%)



- Red (10%)
- Yellow (36%)
- Blue (67%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (90%)
- Magenta (41%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1997AC 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 1997AC by changing the saturation by 10% instead.



 1997AC

 1997AC

FFFFFF

 007D91

 64CEE3

 006478

 82EAFF

 004B5F

 A0FFFF

 003447

 BEFFFF

 002131

 DCFFFF

 00011C

 FAFFFF

 000000

 1997AC

 1997AC

 0895AC

 2A99AC

0093AC

3B9CAC

4D9EAC

5EA1AC

6FA3AC

80A6AC

91A8AC

A3ABAC

B4ADAC

# Harmonies

## Analogous

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



2D9992



1997AC



4192BD

# Triad

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



1997AC



B4779E



938B53

# Complementary

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



1997AC



AC2E19

# 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.



AC8256



1997AC



BF7482

# Square

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



1997AC



987FB4



BC7968



75925E

# Rectangle

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



1997AC



618DC1



BC7968



9C8852



# Sweetspot

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



1997AC



A6D8E0



19AC2D



4D6B70



F0F0F0



707070



# Same Dimension

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



1997AC



00C0E0



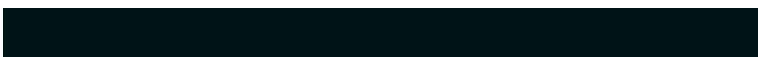
194FAC



4E5557



008196



001417



# Inverse Universe

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



AC1997



E000C0



AC7619



574E55



960081



170014



# Previews

## White Background



This preview shows how the Hex color 1997AC looks on a white background.

## Color Contrast Check

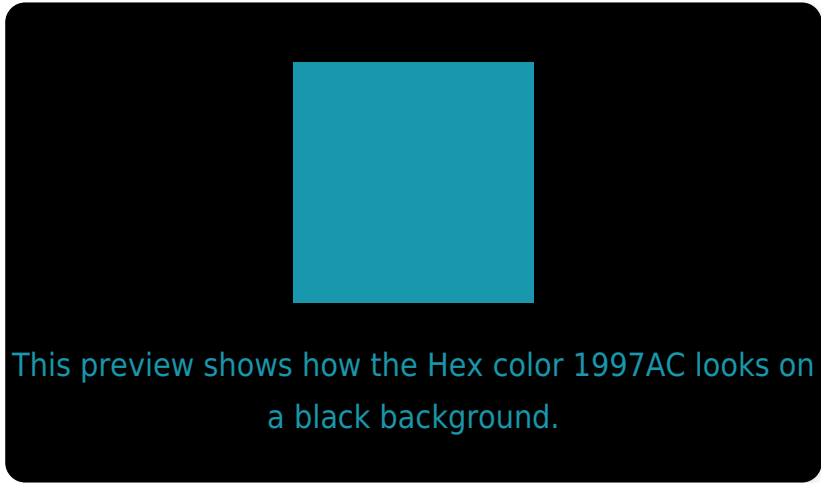
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

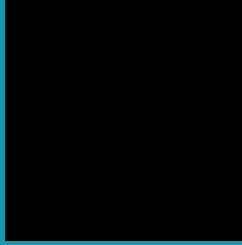
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1997AC Background



This preview shows how black text looks on a background with the Hex color 1997AC.



This preview shows how white text looks on a background with the Hex color 1997AC.

# 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**  
0798A5

# Trichromacy



**Original Color**  
1997AC



**Protanomaly**  
5D8DA5



**Deuteranomaly**  
5C8CAF



**Tritanomaly**  
0E98A8

# Monochromacy



**Original Color**  
1997AC



**Achromatopsia**  
747474



**Achromatomaly**  
538188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1997AC 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 #1997AC looks like.

```
.text, #text, p{  
    color:#1997AC  
}
```

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 #1997AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1997AC
}
```

## Border

The CSS property to change the border of an element to Hex 1997AC 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
#1997AC }
```

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

```
.border{ border-color:#1997AC }
```

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

Here you see how a box with a 4 pixel #1997AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1997AC; -webkit-box-shadow:4px 4px  
4px 4px #1997AC; box-shadow:4px 4px 4px  
4px #1997AC }
```

# Background

The CSS property to change the background color of an element to Hex 1997AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1997AC }
```

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

```
.background{ background-color:#1997AC }
```

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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