

# Converting Colors

Hex(1C9692)

Have a look what the booklet for  
Hex(1C9692) contains.

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**Color**

**Hex(1C9692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C9692
RGB	28, 150, 146
RGB Percent	11%, 59%, 57%
CMY	0.8902, 0.4118, 0.4275
CMYK	0.81, 0.00, 0.03, 0.41
HSL	178°, 69%, 35%
HSV	178°, 81%, 59%
XYZ	16.5735, 24.1349, 30.9791
YIQ	113.0660, -71.4280, -27.1080

# Conversions

## Conversions Part 2

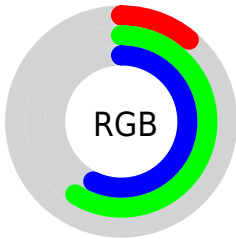
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 90, 150
Decimal	1873554
CIE <sub>Lab</sub>	56.22, -31.97, -7.02
CIE <sub>LCh</sub>	56, 32.729, 192.387
Y <sub>xy</sub>	24.1349, 0.2312, 0.3367
Android (android.graphics.Color)	4280063634 (0xFF1C9692)
YUV	113.0660, 16.2365, -74.6029
Hunter-Lab	49.1273, -25.7541, -2.9985

# Details

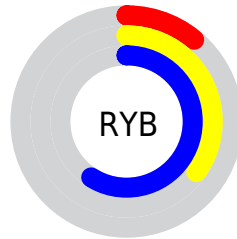
The Hex color **1C9692** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **961C20**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **61CDC8**, and **006260** is the 20% darker color. If you saturate the color by 10%, you get **0D9692**, and if you desaturate by 10%, it is **2B9692**.

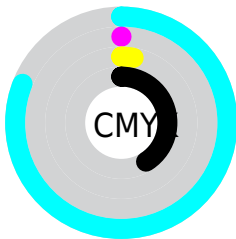
# Distribution



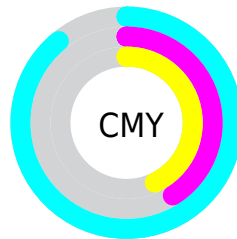
- Red (11%)
- Green (59%)
- Blue (57%)



- Red (11%)
- Yellow (35%)
- Blue (59%)



- Cyan (81%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)



- Cyan (89%)
- Magenta (41%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C9692 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 1C9692 by changing the saturation by 10% instead.




 1C9692

 1C9692

FFFFFF

 007C78

 61CDC8

 006260

 7FE9E4

 004A48

 9CFFFF

 003332

 B9FFFF

 001F1D

 D7FFFF

 000001

 F5FFFF

 000000

 1C9692

 1C9692

 0D9692

 2B9692

■ 009691

■ 3A9693

■ 499693

■ 589694

■ 679694

■ 769695

■ 859695

■ 949696

■ A39696

# Harmonies

## Analogous

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



4A9575



1C9692



0094AC

# Triad

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



1C9692



997BB1



A87F51

# Complementary

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



1C9692



961C20

# 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.



B97662



1C9692



B47399

# Square

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



1C9692



7186BE



BE717C



8E894E

# Rectangle

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



1C9692



2A91B9



BE717C



AF7C55



# Sweetspot

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



1C9692



93C2C0



20961C



456160



E0E0E0



616161



# Same Dimension

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



1C9692



04C2BC



1C5D96



434A4A



008A85



000A0A



# Inverse Universe

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



961C20



C2040A



96551C



4A4343



8A0005



0A0000



# Previews

## White Background



This preview shows how the Hex color 1C9692 looks on a white background.

## Color Contrast Check

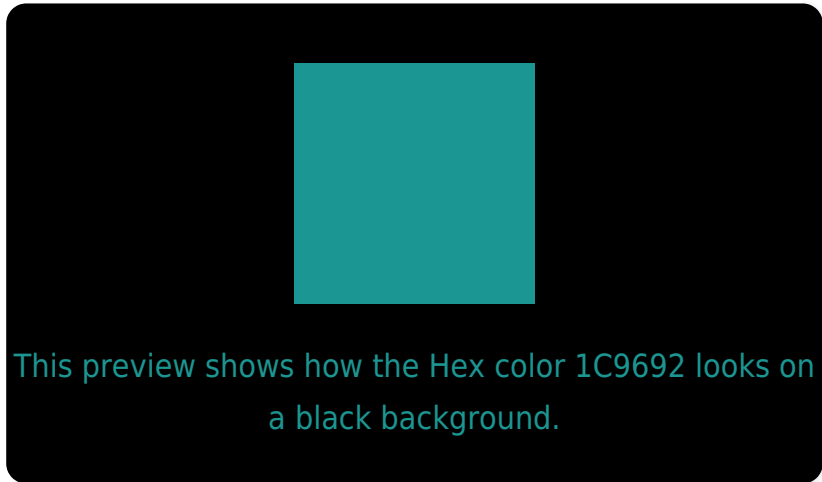
Large Text (above 18pt) WCAG AA ✓ Pass

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

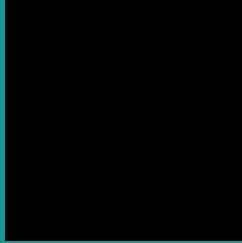
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C9692 Background



This preview shows how black text looks on a background with the Hex color 1C9692.

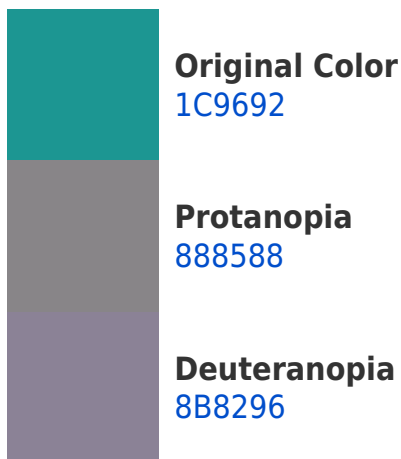


This preview shows how white text looks on a background with the Hex color 1C9692.

# 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**  
2894A0

# Trichromacy



**Original Color**  
1C9692



**Protanomaly**  
618B8C



**Deuteranomaly**  
638995



**Tritanomaly**  
24959B

# Monochromacy



**Original Color**  
1C9692



**Achromatopsia**  
717171



**Achromatomaly**  
527E7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C9692 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 #1C9692 looks like.

```
.text, #text, p{  
    color:#1C9692  
}
```

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 #1C9692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9692
}
```

## Border

The CSS property to change the border of an element to Hex 1C9692 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
#1C9692 }
```

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

```
.border{ border-color:#1C9692 }
```

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

Here you see how a box with a 4 pixel #1C9692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9692; -webkit-box-shadow:4px 4px  
4px 4px #1C9692; box-shadow:4px 4px 4px  
4px #1C9692 }
```

# Background

The CSS property to change the background color of an element to Hex 1C9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9692 }
```

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

```
.background{ background-color:#1C9692 }
```

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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