

Converting Colors

Hex(149693)

Have a look what the booklet for
Hex(149693) contains.

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Color

Hex(149693)

Conversions

Conversions Part 1

Format	Color
Hex	149693
RGB	20, 150, 147
RGB Percent	8%, 59%, 58%
CMY	0.9216, 0.4118, 0.4235
CMYK	0.87, 0.00, 0.02, 0.41
HSL	179°, 76%, 33%
HSV	179°, 87%, 59%
XYZ	16.4613, 24.0680, 31.3818
YIQ	110.7880, -76.5170, -28.4930

Conversions

Conversions Part 2

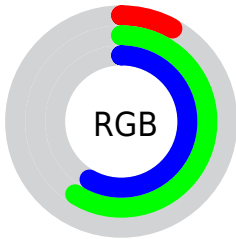
Format	Color
R_{YB}	20, 86, 150
Decimal	1349267
CIE _{Lab}	56.16, -32.31, -7.70
CIE _{LCh}	56, 33.217, 193.410
Yxy	24.0680, 0.2289, 0.3347
Android (android.graphics.Color)	4279539347 (0xFF149693)
YUV	110.7880, 17.8525, -79.6211
Hunter-Lab	49.0591, -25.9597, -3.5847

Details

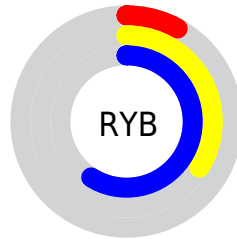
The Hex color **149693** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **961417**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5ECDC9**, and **006261** is the 20% darker color. If you saturate the color by 10%, you get **059693**, and if you desaturate by 10%, it is **239693**.

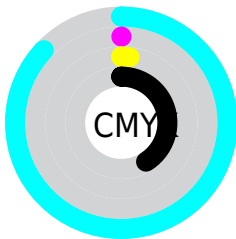
Distribution



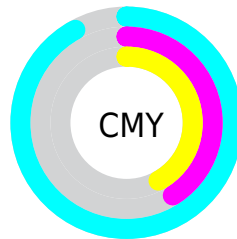
- Red (8%)
- Green (59%)
- Blue (58%)



- Red (8%)
- Yellow (34%)
- Blue (59%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



- Cyan (92%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 149693 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 149693 by changing the saturation by 10% instead.

 149693

 149693

FFFFFF

 007C79

 5ECDC9

 006261

 7CE9E5

 004A49

 9AFFFF

 003332

 B7FFFF

 001E1D

 D5FFFF

 000003

 F3FFFF

 000000

 149693

 149693

 059693

 239693

009693

329694

419694

509694

5F9695

6E9695

7D9695

8C9696

9B9696

Harmonies

Analogous

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



479575



149693



0094AD

Triad

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



149693



9A7AB1



A77F4F

Complementary

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



149693



961417

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.



B97660



149693



B57298

Square

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



149693



7185BF



BF707B



8D894D

Rectangle

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



149693



2890BA



BF707B



AE7C54

Sweetspot

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



149693



8FC2C1



189614



436160



E0E0E0



616161

Same Dimension

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



149693



00C2BD



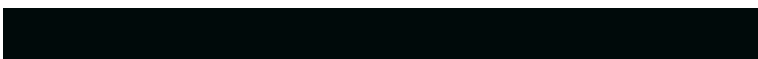
145996



434A4A



008A87



000A0A

Inverse Universe

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



961417



C20004



965114



4A4343



8A0003



0A0000

Previews

White Background



This preview shows how the Hex color 149693 looks on a white background.

Color Contrast Check

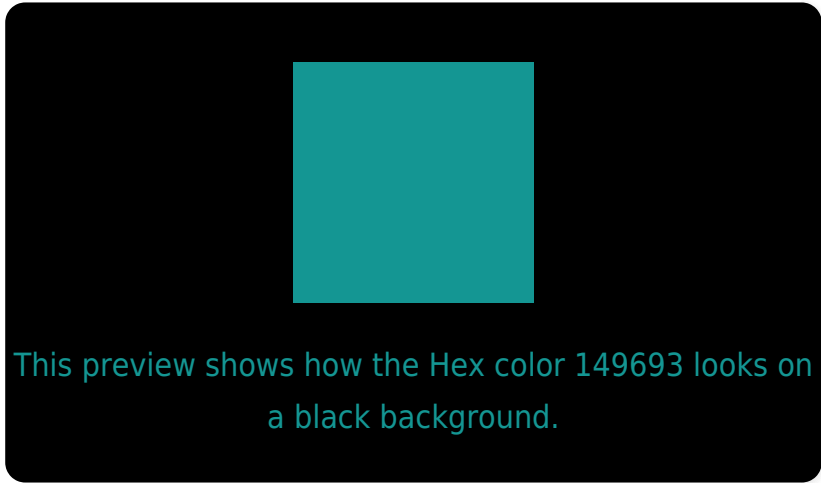
Large Text (above 18pt) WCAG AA ✓ Pass

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

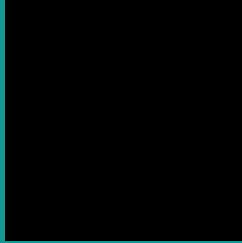
Any Text WCAG AA ✓ Pass

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 149693 Background



This preview shows how black text looks on a background with the Hex color 149693.

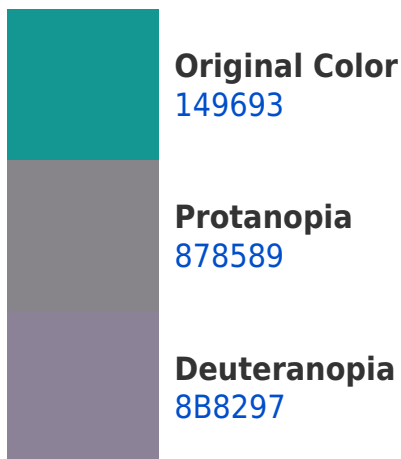


This preview shows how white text looks on a background with the Hex color 149693.

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
2394A0

Trichromacy



Original Color
149693



Protanomaly
5D8B8D



Deuteranomaly
608996



Tritanomaly
1E959B

Monochromacy



Original Color
149693



Achromatopsia
6F6F6F



Achromatomaly
4E7D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 149693 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 #149693 looks like.

```
.text, #text, p{  
    color:#149693  
}
```

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 #149693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #149693  
}
```

Border

The CSS property to change the border of an element to Hex 149693 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  
#149693 }
```

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

```
.border{ border-color:#149693 }
```

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

Here you see how a box with a 4 pixel #149693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #149693; -webkit-box-shadow:4px 4px  
4px 4px #149693; box-shadow:4px 4px 4px  
4px #149693 }
```

Background

The CSS property to change the background color of an element to Hex 149693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#149693 }
```

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

```
.background{ background-color:#149693 }
```

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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