

Converting Colors

Hex(949693)

Have a look what the booklet for
Hex(949693) contains.

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Color

Hex(949693)

Conversions

Conversions Part 1

Format	Color
Hex	949693
RGB	148, 150, 147
RGB Percent	58%, 59%, 58%
CMY	0.4196, 0.4118, 0.4235
CMYK	0.01, 0.00, 0.02, 0.41
HSL	100°, 1%, 58%
HSV	100°, 2%, 59%
XYZ	28.3855, 30.2152, 31.9398
YIQ	149.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

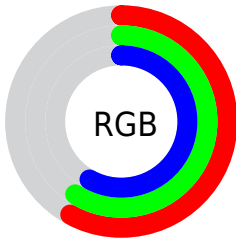
Format	Color
RYB	147, 150, 149
Decimal	9737875
CIELab	61.84, -1.30, 1.32
CIELCh	62, 1.852, 134.665
Yxy	30.2152, 0.3135, 0.3337
Android (android.graphics.Color)	4287927955 (0xFF949693)
YUV	149.0600, -1.0156, -0.9296
Hunter-Lab	54.9683, -4.0175, 4.0269

Details

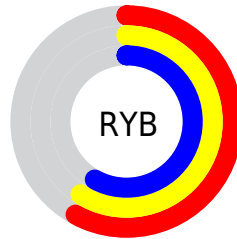
The Hex color **949693** is a light color, and the websafe version is hex **999999**. A complement of this color would be **959396**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **CACCC9**, and **616361** is the 20% darker color. If you saturate the color by 10%, you get **8A9684**, and if you desaturate by 10%, it is **9E96A2**.

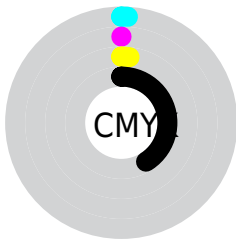
Distribution



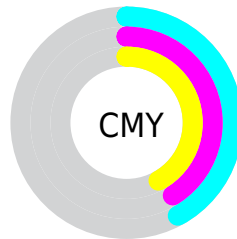
- Red (58%)
- Green (59%)
- Blue (58%)



- Red (58%)
- Yellow (59%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 949693 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 949693 by changing the saturation by 10% instead.

■ 949693

■ 949693

FFFFFF

■ 7A7C79

■ CACCC9

■ 616361

■ E6E8E5

■ 4A4B49

■ 333532

■ 1E201D

■ 050803

■ 000000

■ 949693

■ 949693

■ 8A9684

■ 9E96A2

809675

A896B1

769666

B296C0

6C9657

BC96CF

629648

C696DE

589639

D096ED

4E962A

DA96FC

44961B

E496FF

3A960C

EE96FF

Harmonies

Analogous

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



969692



949693



929694

Triad

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



949693



939698



999495

Complementary

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



949693



959396

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.



989496



949693



959599

Square

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



949693



929698



979598



999593

Rectangle

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



949693



929696



979598



999495

Sweetspot

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



949693



C1C2C0



969593



606160



E0E0E0



616161

Same Dimension

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



949693



BFC2BE



939693



494A48



2E8A00



030A00

Inverse Universe

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



959396



C1BEC2



969396



49484A



5C008A



07000A

Previews

White Background



This preview shows how the Hex color 949693 looks on a white background.

Color Contrast Check

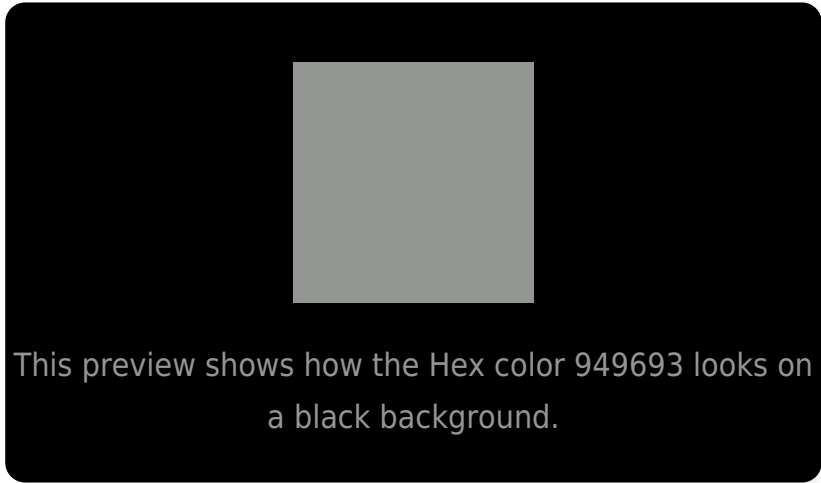
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

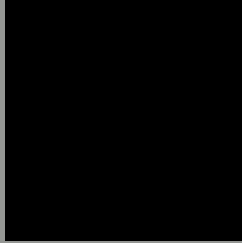
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

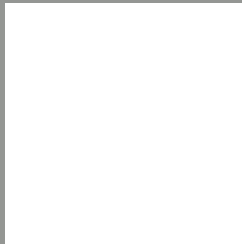
Any Text WCAG AAA ✓ Pass

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

Hex 949693 Background



This preview shows how black text looks on a background with the Hex color 949693.



This preview shows how white text looks on a background with the Hex color 949693.

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



Original Color
949693

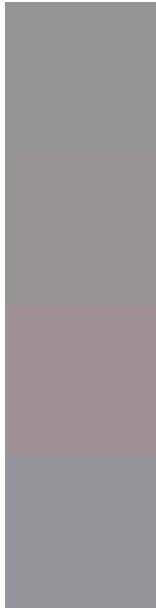
Protanopia
999592

Deuteranopia
A49094



Tritanopia
9694A0

Trichromacy



Original Color
949693

Protanomaly
979592

Deuteranomaly
9E9294

Tritanomaly
95959B

Monochromacy



Original Color
949693

Achromatopsia
959595

Achromatomaly
959594

CSS Examples

Text

The CSS property to change the color of the text to Hex 949693 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 #949693 looks like.

```
.text, #text, p{  
    color:#949693  
}
```

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 #949693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949693
}
```

Border

The CSS property to change the border of an element to Hex 949693 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
#949693 }
```

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

```
.border{ border-color:#949693 }
```

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

Here you see how a box with a 4 pixel #949693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949693; -webkit-box-shadow:4px 4px  
4px 4px #949693; box-shadow:4px 4px 4px  
4px #949693 }
```

Background

The CSS property to change the background color of an element to Hex 949693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949693 }
```

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

```
.background{ background-color:#949693 }
```

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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