

# Converting Colors

Hex(929696)

Have a look what the booklet for  
Hex(929696) contains.

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# **Color**

**Hex(929696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	929696
RGB	146, 150, 150
RGB Percent	57%, 59%, 59%
CMY	0.4275, 0.4118, 0.4118
CMYK	0.03, 0.00, 0.00, 0.41
HSL	180°, 2%, 58%
HSV	180°, 3%, 59%
XYZ	28.2654, 30.1257, 33.1793
YIQ	148.8040, -2.3840, -0.8480

# Conversions

## Conversions Part 2

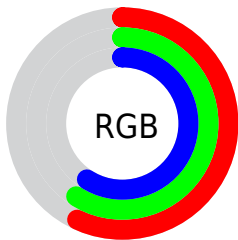
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">146, 148, 150</a>
Decimal	<a href="#">9606806</a>
CIELab	<a href="#">61.76, -1.44, -0.51</a>
CIELCh	<a href="#">62, 1.531, 199.552</a>
Yxy	<a href="#">30.1257, 0.3087, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4287796886 (0xFF929696)</a>
YUV	<a href="#">148.8040, 0.5896, -2.4591</a>
Hunter-Lab	<a href="#">54.8869, -4.1288, 2.5799</a>

# Details

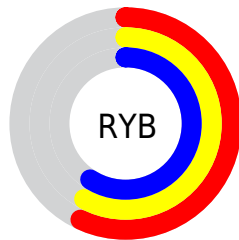
The Hex color **929696** is a light color, and the websafe version is hex **999999**. A complement of this color would be **969292**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **C8CCCC**, and **606363** is the 20% darker color. If you saturate the color by 10%, you get **839696**, and if you desaturate by 10%, it is **A19696**.

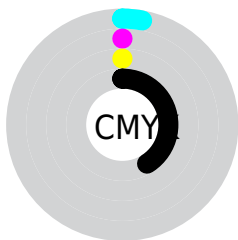
# Distribution



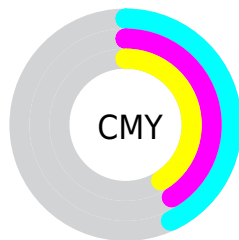
- Red (57%)
- Green (59%)
- Blue (59%)



- Red (57%)
- Yellow (58%)
- Blue (59%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 929696 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 929696 by changing the saturation by 10% instead.



■ 929696

■ 929696

FFFFFF

■ 787C7C

■ C8CCCC

■ 606363

■ E4E8E8

■ 484B4B

■ 313535

■ 1D2020

■ 020808

■ 000000

■ 929696

■ 929696

■ 839696

■ A19696

749696

B09696

659696

BF9696

569696

CE9696

479696

DD9696

389696

EC9696

299696

FB9696

1A9696

FF9696

0B9696

# Harmonies

## Analogous

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



939695



929696



929697

# Triad

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



929696



979597



979593

# Complementary

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



929696



969292

# 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.



989593



929696



989496

# Square

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



929696



959598



989494



959593

# Rectangle

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



929696



939698



989494



979593



# Sweetspot

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



929696



C0C2C2



929692



606161



E0E0E0



616161



# Same Dimension

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



929696



BCC2C2



929496



474A4A



008A8A



000A0A



# Inverse Universe

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



969296



C2BCC2



969492



4A474A



8A008A



0A000A



# Previews

## White Background



This preview shows how the Hex color 929696 looks on a white background.

## Color Contrast Check

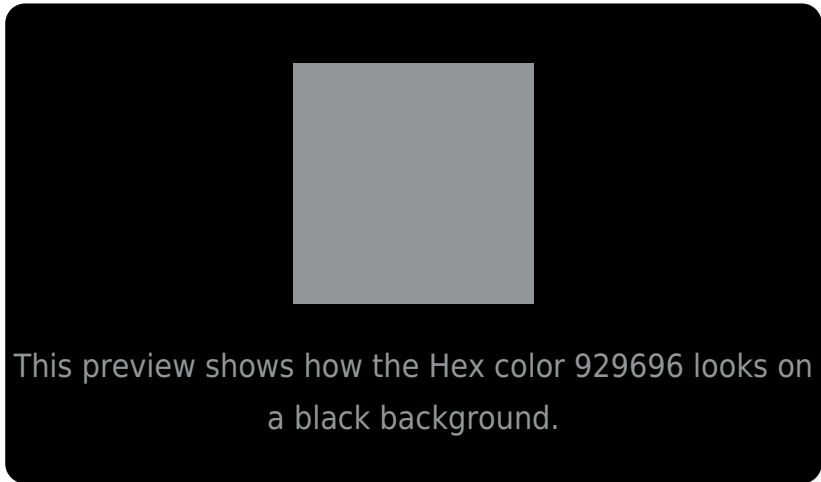
Large Text (above 18pt) WCAG AA × Fail

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

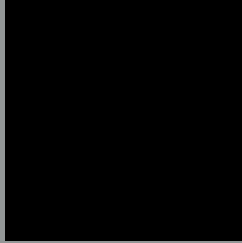
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

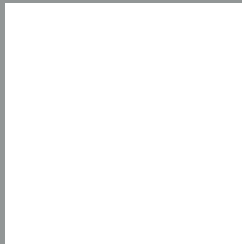
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 929696 Background



This preview shows how black text looks on a background with the Hex color 929696.



This preview shows how white text looks on a background with the Hex color 929696.

# 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**

929696

**Protanopia**

989495

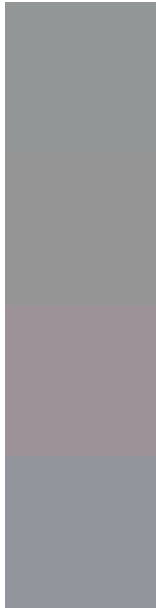
**Deuteranopia**

A29097



**Tritanopia**  
9494A0

# Trichromacy



**Original Color**  
929696

**Protanomaly**  
969595

**Deuteranomaly**  
9C9297

**Tritanomaly**  
93959C

# Monochromacy



**Original Color**  
929696

**Achromatopsia**  
959595

**Achromatomaly**  
949595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 929696 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 #929696 looks like.

```
.text, #text, p{  
    color:#929696  
}
```

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 #929696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #929696
}
```

## Border

The CSS property to change the border of an element to Hex 929696 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
#929696 }
```

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

```
.border{ border-color:#929696 }
```

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

Here you see how a box with a 4 pixel #929696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #929696; -webkit-box-shadow:4px 4px  
4px 4px #929696; box-shadow:4px 4px 4px  
4px #929696 }
```

# Background

The CSS property to change the background color of an element to Hex 929696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#929696 }
```

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

```
.background{ background-color:#929696 }
```

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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