

# Converting Colors

Hex(979290)

Have a look what the booklet for  
Hex(979290) contains.

<b>Hex(979290)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(979290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	979290
RGB	151, 146, 144
RGB Percent	59%, 57%, 56%
CMY	0.4078, 0.4275, 0.4353
CMYK	0.00, 0.03, 0.05, 0.41
HSL	17°, 3%, 58%
HSV	17°, 5%, 59%
XYZ	28.0754, 29.1507, 30.5325
YIQ	147.2670, 3.6220, 0.4380

# Conversions

## Conversions Part 2

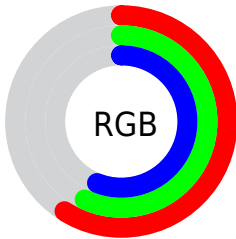
Format	Color
R <sub>Y</sub> B	151, 147, 144
Decimal	9933456
CIE Lab	60.91, 1.46, 1.70
CIE LCh	61, 2.246, 49.336
Yxy	29.1507, 0.3199, 0.3322
Android (android.graphics.Color)	4288123536 (0xFF979290)
YUV	147.2670, -1.6106, 3.2738
Hunter-Lab	53.9914, -1.6652, 4.2651

# Details

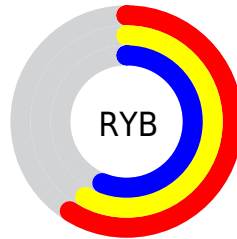
The Hex color **979290** is a light color, and the websafe version is hex **999999**. A complement of this color would be **909597**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CDC8C6**, and **64605E** is the 20% darker color. If you saturate the color by 10%, you get **978781**, and if you desaturate by 10%, it is **979D9F**.

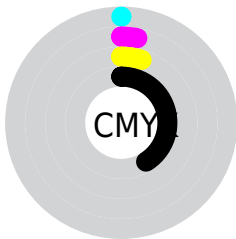
# Distribution



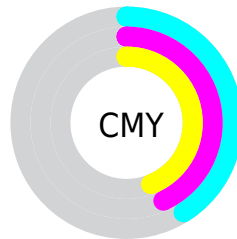
- Red (59%)
- Green (57%)
- Blue (56%)



- Red (59%)
- Yellow (58%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979290 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 979290 by changing the saturation by 10% instead.





979290



979290

FFFFFF



7D7876



CDC8C6



64605E



E9E4E2



4C4846

FFFFFFE



363130



201D1B



090200



000000



979290



979290



978781



979D9F

 977C72

 97A8AE

 977263

 97B2BD

 976754

 97BDCC

 975C45

 97C8DC

 975135

 97D3EB

 974626

 97DEFA

 973C17

 97E8FF

 973108

 97F3FF

# Harmonies

## Analogous

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



979292



979290



95938F

# Triad

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



979290



8F9492



939397

# Complementary

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



979290



909597

# 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.



909397



979290



8E9494

# Square

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



979290



919490



8F9496



959296

# Rectangle

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



979290



94938F



8F9496



929397



# Sweetspot

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



979290



C4C3C2



979095



636362



E3E3E3



636363



# Same Dimension

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



979290



C4BCB9



979590



4D4947



8C2800



0D0400



# Inverse Universe

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



909597



B9C1C4



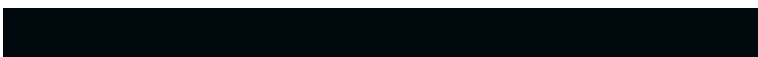
909297



474B4D



00648C



00090D



# Previews

## White Background



This preview shows how the Hex color 979290 looks on a white background.

## Color Contrast Check

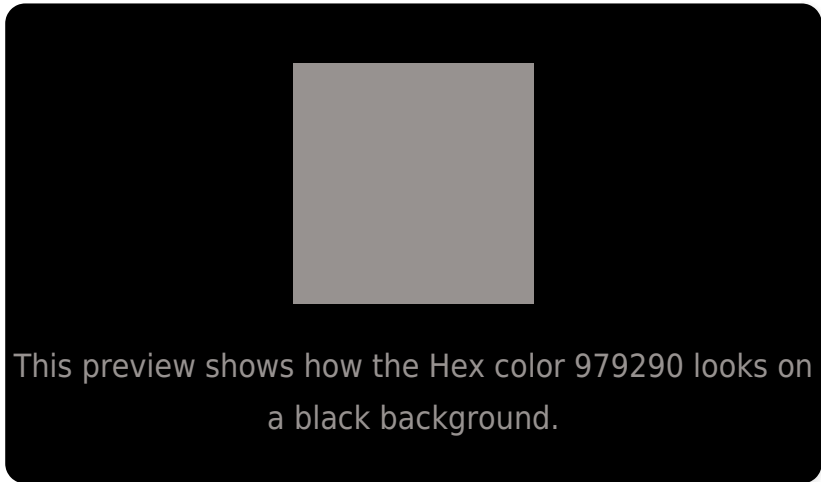
Large Text (above 18pt) WCAG AA ✓ Pass

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

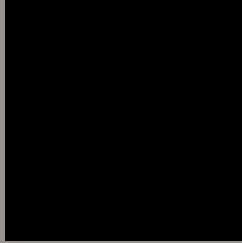
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

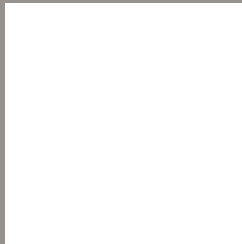
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 979290 Background



This preview shows how black text looks on a background with the Hex color 979290.



This preview shows how white text looks on a background with the Hex color 979290.

# 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**  
979290

**Protanopia**  
969290

**Deuteranopia**  
A28E91



**Tritanopia**  
99909C

# Trichromacy



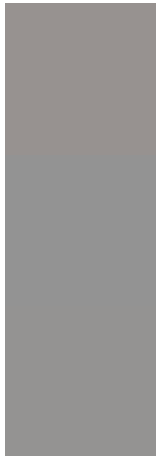
**Original Color**  
979290

**Protanomaly**  
969290

**Deuteranomaly**  
9E8F91

**Tritanomaly**  
989198

# Monochromacy



**Original Color**  
979290

**Achromatopsia**  
939393

**Achromatomaly**  
949392

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979290 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 #979290 looks like.

```
.text, #text, p{  
    color:#979290  
}
```

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 #979290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979290
}
```

## Border

The CSS property to change the border of an element to Hex 979290 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
#979290 }
```

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

```
.border{ border-color:#979290 }
```

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

Here you see how a box with a 4 pixel #979290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979290; -webkit-box-shadow:4px 4px  
4px 4px #979290; box-shadow:4px 4px 4px  
4px #979290 }
```

# Background

The CSS property to change the background color of an element to Hex 979290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979290 }
```

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

```
.background{ background-color:#979290 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor