

# Converting Colors

Hex(979B1E)

Have a look what the booklet for  
Hex(979B1E) contains.

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**Color**

**Hex(979B1E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979B1E
RGB	151, 155, 30
RGB Percent	59%, 61%, 12%
CMY	0.4078, 0.3922, 0.8824
CMYK	0.03, 0.00, 0.81, 0.39
HSL	62°, 68%, 36%
HSV	62°, 81%, 61%
XYZ	24.7182, 30.1157, 5.7384
YIQ	139.5540, 37.7410, -39.7230

# Conversions

## Conversions Part 2

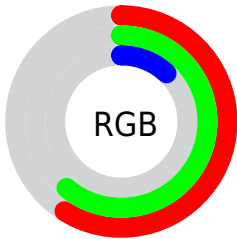
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 155, 34
Decimal	9935646
CIELab	61.75, -16.00, 59.07
CIELCh	62, 61.201, 105.151
Yxy	30.1157, 0.4081, 0.4972
Android (android.graphics.Color)	4288125726 (0xFF979B1E)
YUV	139.5540, -54.0101, 10.0381
Hunter-Lab	54.8778, -15.6358, 32.2147

# Details

The Hex color **979B1E** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **221E9B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **D0D157**, and **606800** is the 20% darker color. If you saturate the color by 10%, you get **979B0F**, and if you desaturate by 10%, it is **979B2E**.

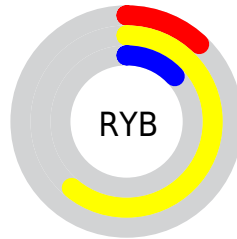
# Distribution



Red (59%)

Green (61%)

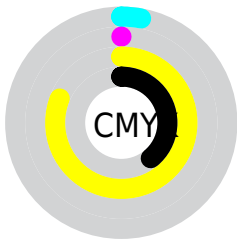
Blue (12%)



Red (12%)

Yellow (61%)

Blue (13%)

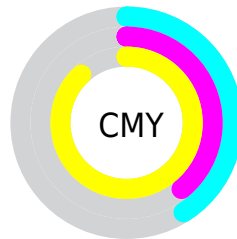


Cyan (3%)

Magenta (0%)

Yellow (81%)

Black (39%)



Cyan (41%)

Magenta (39%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979B1E 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 979B1E by changing the saturation by 10% instead.





979B1E



979B1E

FFFFFF



7B8100



D0D157



606800



EEED72



465000



FFFF8D



2C3900



FFFFA9



132400



FFFFC5



000C00



FFFFE2



000000



979B1E



979B1E



979B0F



979B2E

■ 969B00

■ 989B3D

■ 989B4D

■ 999B5C

■ 999B6C

■ 9A9B7B

■ 9A9B8B

■ 9B9B9A

■ 9B9BAA

# Harmonies

## Analogous

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



C78924



979B1E



58A744

# Triad

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



979B1E



00ACE1



EA66B2

# Complementary

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



979B1E



221E9B

# 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.



BB7BE2



979B1E



00A3FE

# Square

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



979B1E



00AFB0



5F92FE



F8627C

# Rectangle

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



979B1E



00AC65



5F92FE



DE6CC4



# Sweetspot

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



979B1E



C8C999



9B201E



656648



E6E6E6



666666



# Same Dimension

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



979B1E



C3C906



5A9B1E



4C4D45



888C00



0C0D00



# Inverse Universe

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



221E9B



0C06C9



5F1E9B



45454D



04008C



00000D



# Previews

## White Background



This preview shows how the Hex color 979B1E looks on a white background.

## Color Contrast Check

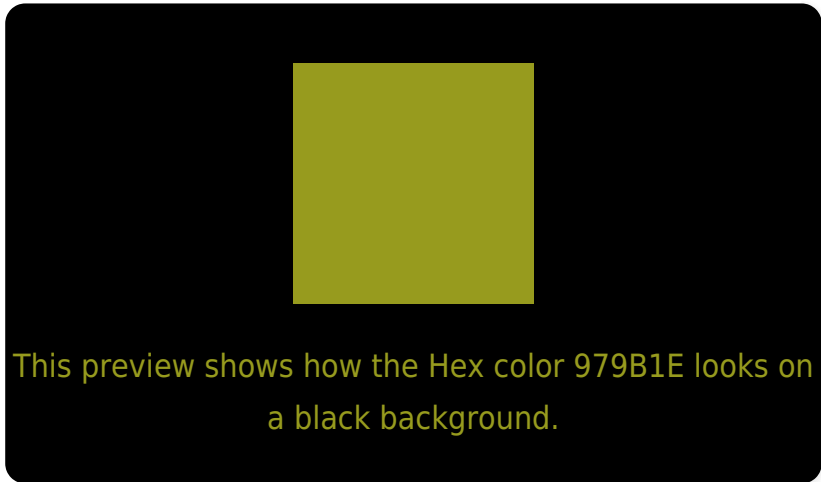
Large Text (above 18pt) WCAG AA × Fail

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 979B1E Background



This preview shows how black text looks on a background with the Hex color 979B1E.



This preview shows how white text looks on a background with the Hex color 979B1E.

# 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**  
979B1E

**Protanopia**  
A8951D

**Deuteranopia**  
BB8D25



**Tritanopia**  
A1909C

# Trichromacy



**Original Color**  
979B1E

**Protanomaly**  
A2971D

**Deuteranomaly**  
AE9222

**Tritanomaly**  
9D946E

# Monochromacy



**Original Color**  
979B1E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
909164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979B1E 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 #979B1E looks like.

```
.text, #text, p{  
    color:#979B1E  
}
```

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 #979B1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979B1E
}
```

## Border

The CSS property to change the border of an element to Hex 979B1E 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
#979B1E }
```

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

```
.border{ border-color:#979B1E }
```

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

Here you see how a box with a 4 pixel #979B1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979B1E; -webkit-box-shadow:4px 4px  
4px 4px #979B1E; box-shadow:4px 4px 4px  
4px #979B1E }
```

# Background

The CSS property to change the background color of an element to Hex 979B1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979B1E }
```

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

```
.background{ background-color:#979B1E }
```

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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