

Converting Colors

Hex(969E1A)

Have a look what the booklet for
Hex(969E1A) contains.

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Color

Hex(969E1A)

Conversions

Conversions Part 1

Format	Color
Hex	969E1A
RGB	150, 158, 26
RGB Percent	59%, 62%, 10%
CMY	0.4118, 0.3804, 0.8980
CMYK	0.05, 0.00, 0.84, 0.38
HSL	64°, 72%, 36%
HSV	64°, 84%, 62%
XYZ	24.9910, 31.0123, 5.6461
YIQ	140.5600, 37.6040, -42.7480

Conversions

Conversions Part 2

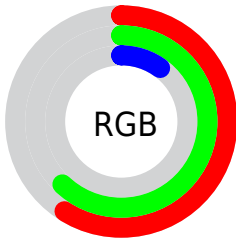
Format	Color
RYB	26, 158, 34
Decimal	9870874
CIELab	62.52, -18.12, 60.80
CIELCh	63, 63.438, 106.596
Yxy	31.0123, 0.4054, 0.5030
Android (android.graphics.Color)	4288060954 (0xFF969E1A)
YUV	140.5600, -56.4781, 8.2789
Hunter-Lab	55.6887, -17.3512, 32.9709

Details

The Hex color **969E1A** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **221A9E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CFD455**, and **5F6B00** is the 20% darker color. If you saturate the color by 10%, you get **959E0A**, and if you desaturate by 10%, it is **979E2A**.

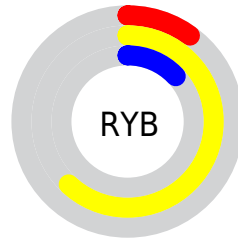
Distribution



Red (59%)

Green (62%)

Blue (10%)



Red (10%)

Yellow (62%)

Blue (13%)

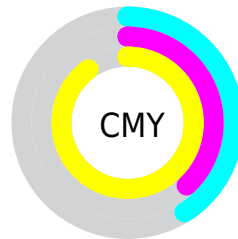


Cyan (5%)

Magenta (0%)

Yellow (84%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 969E1A 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 969E1A by changing the saturation by 10% instead.

 969E1A

 969E1A

FFFFFF

 7A8400

 CFD455

 5F6B00

 EDF170

 455300

 FFFF8B

 2A3C00

 FFFFA7

 112600

 FFFFC3

 001000

 FFFFEO

 000000

 FFFFFD

 969E1A

 969E1A

■ 959E0A

■ 979E2A

■ 949E00

■ 989E3A

■ 999E49

■ 9A9E59

■ 9B9E69

■ 9C9E79

■ 9D9E89

■ 9E9E98

■ 9F9EA8

Harmonies

Analogous

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



C98B1E



969E1A



53AA44

Triad

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



969E1A



00AFE8



F065B3

Complementary

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



969E1A



221A9E

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.



C17AE5



969E1A



00A5FF

Square

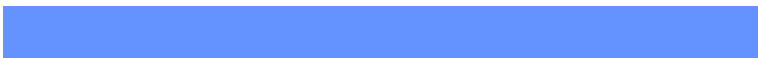
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



969E1A



00B2B6



6493FF



FD627A

Rectangle

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



969E1A



00AF68



6493FF



E56AC5

Sweetspot

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



969E1A



CBCF9B



9E211A



676949



E8E8E8



696969

Same Dimension

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



969E1A



C2CF00



559E1A



4F4F47



868F00



0E0F00

Inverse Universe

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



221A9E



0D00CF



631A9E



48474F



09008F



01000F

Previews

White Background



This preview shows how the Hex color 969E1A looks on a white background.

Color Contrast Check

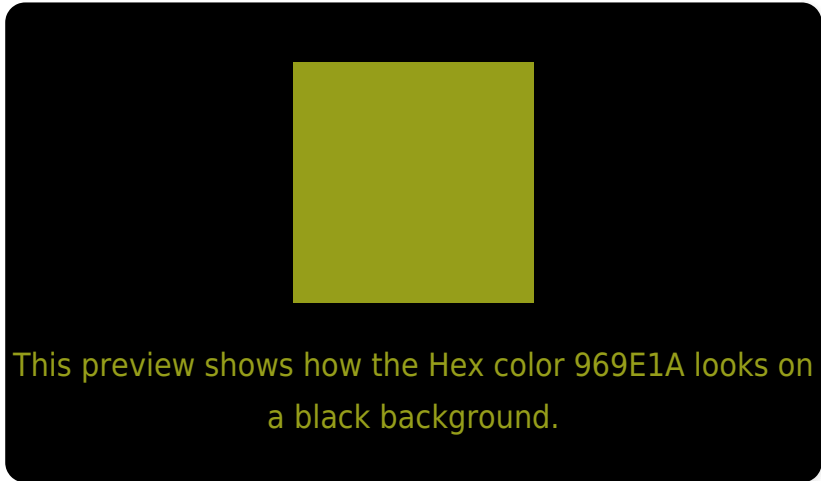
Large Text (above 18pt) WCAG AA × Fail

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 969E1A Background



This preview shows how black text looks on a background with the Hex color 969E1A.



This preview shows how white text looks on a background with the Hex color 969E1A.

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
969E1A

Protanopia
AA9718

Deuteranopia
BE8F23



Tritanopia
A1939F

Trichromacy



Original Color
969E1A

Protanomaly
A39A19

Deuteranomaly
AF9420

Tritanomaly
9D976F

Monochromacy



Original Color
969E1A

Achromatopsia
8D8D8D

Achromatomaly
909363

CSS Examples

Text

The CSS property to change the color of the text to Hex 969E1A 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 #969E1A looks like.

```
.text, #text, p{  
    color:#969E1A  
}
```

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 #969E1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969E1A
}
```

Border

The CSS property to change the border of an element to Hex 969E1A 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
#969E1A }
```

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

```
.border{ border-color:#969E1A }
```

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

Here you see how a box with a 4 pixel #969E1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969E1A; -webkit-box-shadow:4px 4px  
4px 4px #969E1A; box-shadow:4px 4px 4px  
4px #969E1A }
```

Background

The CSS property to change the background color of an element to Hex 969E1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969E1A }
```

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

```
.background{ background-color:#969E1A }
```

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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