

Converting Colors

Hex(979738)

Have a look what the booklet for
Hex(979738) contains.

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Color

Hex(979738)

Conversions

Conversions Part 1

Format	Color
Hex	979738
RGB	151, 151, 56
RGB Percent	59%, 59%, 22%
CMY	0.4078, 0.4078, 0.7804
CMYK	0.00, 0.00, 0.63, 0.41
HSL	60°, 46%, 41%
HSV	60°, 63%, 59%
XYZ	24.5429, 28.9981, 8.0450
YIQ	140.1700, 30.4950, -29.5450

Conversions

Conversions Part 2

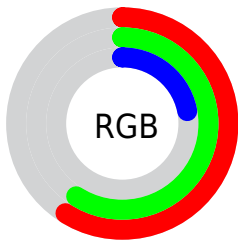
Format	Color
RYB	56, 151, 56
Decimal	9934648
CIELab	60.78, -12.55, 48.46
CIELCh	61, 50.055, 104.524
Yxy	28.9981, 0.3985, 0.4709
Android (android.graphics.Color)	4288124728 (0xFF979738)
YUV	140.1700, -41.4958, 9.4979
Hunter-Lab	53.8498, -12.8830, 28.8371

Details

The Hex color **979738** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **383897**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **CFCD6B**, and **616400** is the 20% darker color. If you saturate the color by 10%, you get **979729**, and if you desaturate by 10%, it is **979747**.

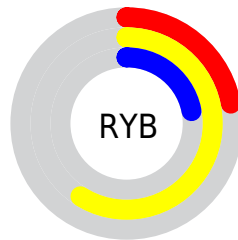
Distribution



Red (59%)

Green (59%)

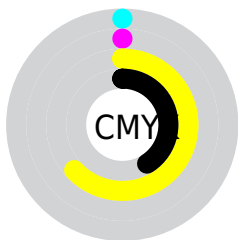
Blue (22%)



Red (22%)

Yellow (59%)

Blue (22%)

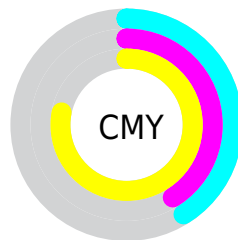


Cyan (0%)

Magenta (0%)

Yellow (63%)

Black (41%)



Cyan (41%)

Magenta (41%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 979738 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 979738 by changing the saturation by 10% instead.

979738

979738

FFFFFF

7C7D1D

CFCD6B

616400

ECE986

484D00

FFFFA1

2E3600

FFFFBD

162100

FFFFD9

000500

FFFFF6

000000

979738

979738

979729

979747

■ 97971A

■ 979756

■ 97970B

■ 979765

■ 979700

■ 979774

■ 979784

■ 979793

■ 9797A2

■ 9797B1

■ 9797C0

Harmonies

Analogous

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



BF883B



979738



65A151

Triad

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



979738



00A6D0



D86FAB

Complementary

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



979738



383897

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.



B17ED2



979738



009EE7

Square

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



979738



00A9A7



6D90E8



E56C7F

Rectangle

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



979738



36A66B



6D90E8



CE73B9

Sweetspot

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



979738



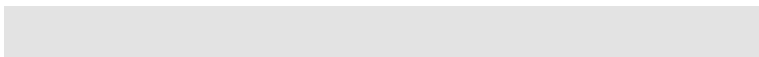
C4C49F



973838



63634D



E3E3E3



636363

Same Dimension

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



979738



C4C431



689738



4D4D45



8C8C00



0D0D00

Inverse Universe

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



383897



3131C4



683897



45454D



00008C



00000D

Previews

White Background



This preview shows how the Hex color 979738 looks on a white background.

Color Contrast Check

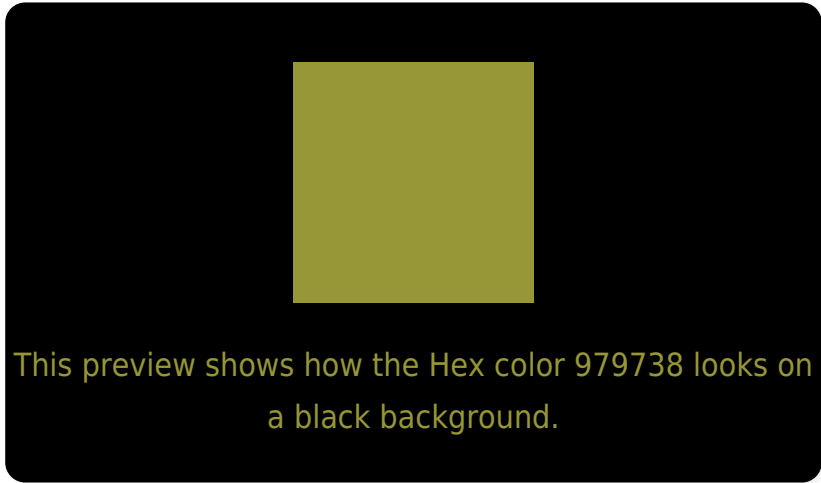
Large Text (above 18pt) WCAG AA ✓ Pass

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

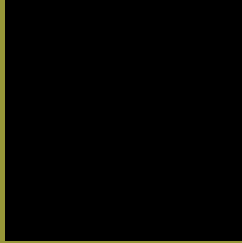
Any Text WCAG AA ✓ Pass

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 979738 Background



This preview shows how black text looks on a background with the Hex color 979738.



This preview shows how white text looks on a background with the Hex color 979738.

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
979738

Protanopia
A49337

Deuteranopia
B68B3C



Tritanopia
A08D98

Trichromacy



Original Color
979738

Protanomaly
9F9437

Deuteranomaly
AB8F3B

Tritanomaly
9D9175

Monochromacy



Original Color
979738

Achromatopsia
8C8C8C

Achromatomaly
90906D

CSS Examples

Text

The CSS property to change the color of the text to Hex 979738 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 #979738 looks like.

```
.text, #text, p{  
    color:#979738  
}
```

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 #979738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979738
}
```

Border

The CSS property to change the border of an element to Hex 979738 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
#979738 }
```

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

```
.border{ border-color:#979738 }
```

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

Here you see how a box with a 4 pixel #979738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979738; -webkit-box-shadow:4px 4px  
4px 4px #979738; box-shadow:4px 4px 4px  
4px #979738 }
```

Background

The CSS property to change the background color of an element to Hex 979738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979738 }
```

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

```
.background{ background-color:#979738 }
```

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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