

Converting Colors

Hex(999D40)

Have a look what the booklet for
Hex(999D40) contains.

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Color

Hex(999D40)

Conversions

Conversions Part 1

Format	Color
Hex	999D40
RGB	153, 157, 64
RGB Percent	60%, 62%, 25%
CMY	0.4000, 0.3843, 0.7490
CMYK	0.03, 0.00, 0.59, 0.38
HSL	63°, 42%, 43%
HSV	63°, 59%, 62%
XYZ	26.1193, 31.2564, 9.5069
YIQ	145.2020, 27.4690, -29.7710

Conversions

Conversions Part 2

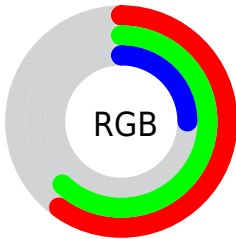
Format	Color
RYB	64, 157, 68
Decimal	10067264
CIELab	62.72, -14.25, 47.00
CIELCh	63, 49.117, 106.871
Yxy	31.2564, 0.3905, 0.4673
Android (android.graphics.Color)	4288257344 (0xFF999D40)
YUV	145.2020, -40.0326, 6.8388
Hunter-Lab	55.9074, -14.4450, 29.0531

Details

The Hex color **999D40** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **44409D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D1D373**, and **636A07** is the 20% darker color. If you saturate the color by 10%, you get **989D30**, and if you desaturate by 10%, it is **9A9D50**.

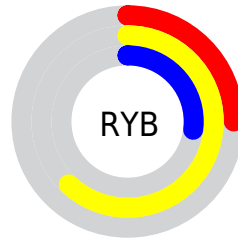
Distribution



Red (60%)

Green (62%)

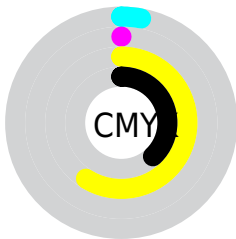
Blue (25%)



Red (25%)

Yellow (62%)

Blue (27%)

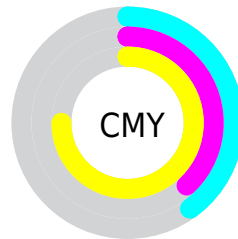


Cyan (3%)

Magenta (0%)

Yellow (59%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999D40 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 999D40 by changing the saturation by 10% instead.

 999D40

 999D40

FFFFFF

 7E8326


 D1D373

 636A07

 EEF08E

 4A5200

 FFFFA9

 313B00

 FFFFC5

 182500

 FFFFE1

 001100

 000000

 999D40

 999D40

 989D30

 9A9D50

 989D21

 9A9D5F

 979D11

 9B9D6F

 969D01

 9C9D7F

 969D00

 9C9D8F

 9D9D9E

 9E9DAE

 9E9DBE

 9F9DCD

Harmonies

Analogous

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



C18F41



999D40



67A75A

Triad

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



999D40



00AAD6



DF75AD

Complementary

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



999D40



44409D

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.



BA82D4



999D40



00A2EC

Square

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



999D40



00AEB0



7A94EB



E97381

Rectangle

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



999D40



38AB74



7A94EB



D578BB

Sweetspot

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



999D40



CACCA7



9D4340



656650



E6E6E6



666666

Same Dimension

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



999D40



C6CC3B



6B9D40



4F4F47



898F00



0F0F00

Inverse Universe

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



44409D



413BCC



72409D



47474F



06008F



01000F

Previews

White Background



This preview shows how the Hex color 999D40 looks on a white background.

Color Contrast Check

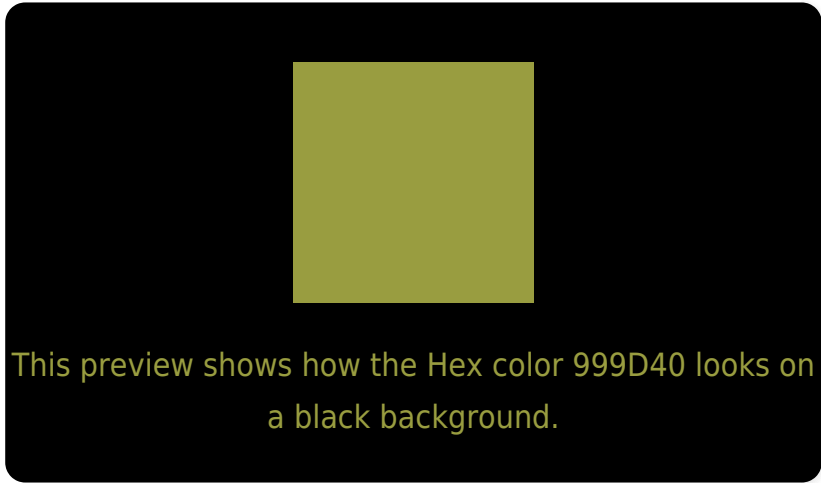
Large Text (above 18pt) WCAG AA × Fail

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

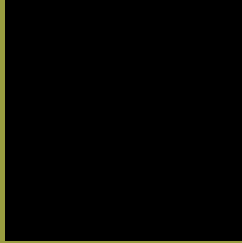
Any Text WCAG AA ✓ Pass

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 999D40 Background



This preview shows how black text looks on a background with the Hex color 999D40.

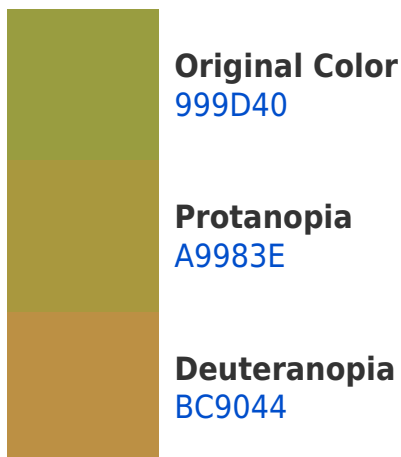



This preview shows how white text looks on a background with the Hex color 999D40.

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





Tritanopia
A2939F

Trichromacy



Original Color
999D40

Protanomaly
A39A3F

Deuteranomaly
AF9543

Tritanomaly
9F977C

Monochromacy



Original Color
999D40

Achromatopsia
919191

Achromatomaly
949574

CSS Examples

Text

The CSS property to change the color of the text to Hex 999D40 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 #999D40 looks like.

```
.text, #text, p{  
    color:#999D40  
}
```

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 #999D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999D40
}
```

Border

The CSS property to change the border of an element to Hex 999D40 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
#999D40 }
```

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

```
.border{ border-color:#999D40 }
```

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

Here you see how a box with a 4 pixel #999D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999D40; -webkit-box-shadow:4px 4px  
4px 4px #999D40; box-shadow:4px 4px 4px  
4px #999D40 }
```

Background

The CSS property to change the background color of an element to Hex 999D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999D40 }
```

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

```
.background{ background-color:#999D40 }
```

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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