

Converting Colors

Hex(39984A)

Have a look what the booklet for
Hex(39984A) contains.

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Color

Hex(39984A)

Conversions

Conversions Part 1

Format	Color
Hex	39984A
RGB	57, 152, 74
RGB Percent	22%, 60%, 29%
CMY	0.7765, 0.4039, 0.7098
CMYK	0.62, 0.00, 0.51, 0.40
HSL	131°, 45%, 41%
HSV	131°, 62%, 60%
XYZ	14.1516, 23.8207, 10.3306
YIQ	114.7030, -31.5820, -44.3980

Conversions

Conversions Part 2

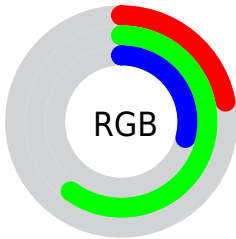
Format	Color
RYB	57, 138, 152
Decimal	3774538
CIELab	55.91, -44.94, 32.76
CIELCh	56, 55.613, 143.909
Yxy	23.8207, 0.2930, 0.4932
Android (android.graphics.Color)	4281964618 (0xFF39984A)
YUV	114.7030, -20.0666, -50.6055
Hunter-Lab	48.8065, -33.6547, 21.6150

Details

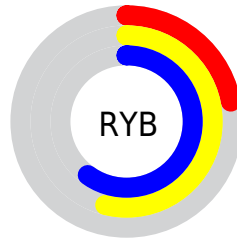
The Hex color **39984A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **983987**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **72CF7C**, and **00641A** is the 20% darker color. If you saturate the color by 10%, you get **2A983E**, and if you desaturate by 10%, it is **489856**.

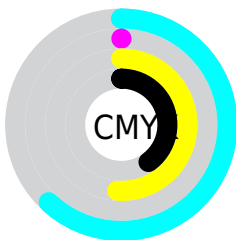
Distribution



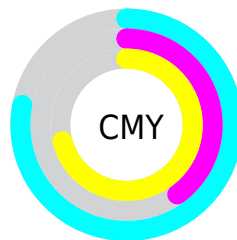
- Red (22%)
- Green (60%)
- Blue (29%)



- Red (22%)
- Yellow (54%)
- Blue (60%)



- Cyan (62%)
- Magenta (0%)
- Yellow (51%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39984A 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 39984A by changing the saturation by 10% instead.

 39984A

 39984A

FFFFFF

 167E32

 72CF7C

 00641A

 8EEC97

 004B01

 AAFFB2

 003300

 C7FFCD

 001D00

 E4FFEA

 000000

 39984A

 39984A

 2A983E

 489856

 1B9831

 579863

 0B9825

 67986F

 00981B

 76987C

 859888

 949895

 A398A1

 B398AE

 C298BA

Harmonies

Analogous

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



798F24



39984A



009C7A

Triad

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



39984A



008EE6



DD5C62

Complementary

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



39984A



983987

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.



D85992



39984A



757DDF

Square

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



39984A



0099D3



B768C0



CA6D38

Rectangle

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



39984A



009D9C



B768C0



DE5971

Sweetspot

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



39984A



9FC4A6



889839



4D6351



E3E3E3



636363

Same Dimension

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



39984A



31C44B



399878



454D46



008C19



000D02

Inverse Universe

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



983987



C431AA



983959



4D454B



8C0073



0D000A

Previews

White Background



This preview shows how the Hex color 39984A looks on a white background.

Color Contrast Check

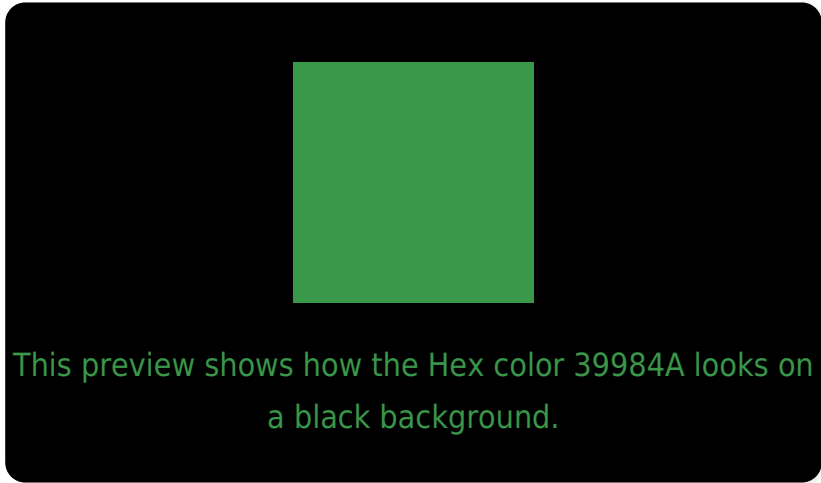
Large Text (above 18pt) WCAG AA ✓ Pass

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

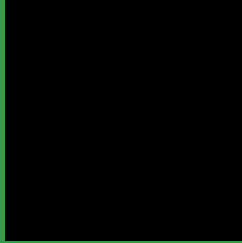
Any Text WCAG AA ✓ Pass

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 39984A Background



This preview shows how black text looks on a background with the Hex color 39984A.



This preview shows how white text looks on a background with the Hex color 39984A.

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
4F8F9B

Trichromacy



Original Color
39984A



Protanomaly
728C46



Deuteranomaly
7B884E



Tritanomaly
47927E

Monochromacy



Original Color
39984A



Achromatopsia
737373



Achromatomaly
5E8064

CSS Examples

Text

The CSS property to change the color of the text to Hex 39984A 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 #39984A looks like.

```
.text, #text, p{  
    color:#39984A  
}
```

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 #39984A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39984A
}
```

Border

The CSS property to change the border of an element to Hex 39984A 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
#39984A }
```

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

```
.border{ border-color:#39984A }
```

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

Here you see how a box with a 4 pixel #39984A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39984A; -webkit-box-shadow:4px 4px  
4px 4px #39984A; box-shadow:4px 4px 4px  
4px #39984A }
```

Background

The CSS property to change the background color of an element to Hex 39984A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39984A }
```

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

```
.background{ background-color:#39984A }
```

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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