

Converting Colors

Hex(3C9432)

Have a look what the booklet for
Hex(3C9432) contains.

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Color

Hex(3C9432)

Conversions

Conversions Part 1

Format	Color
Hex	3C9432
RGB	60, 148, 50
RGB Percent	24%, 58%, 20%
CMY	0.7647, 0.4196, 0.8039
CMYK	0.59, 0.00, 0.66, 0.42
HSL	114°, 49%, 39%
HSV	114°, 66%, 58%
XYZ	13.0291, 22.3708, 6.6489
YIQ	110.5160, -20.9900, -49.1340

Conversions

Conversions Part 2

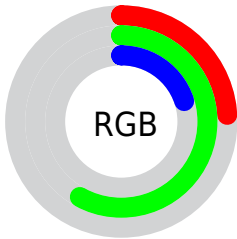
Format	Color
RYB	50, 148, 138
Decimal	3970098
CIELab	54.42, -45.72, 42.65
CIELCh	54, 62.526, 136.987
Yxy	22.3708, 0.3099, 0.5320
Android (android.graphics.Color)	4282160178 (0xFF3C9432)
YUV	110.5160, -29.8344, -44.3025
Hunter-Lab	47.2977, -33.5996, 24.7737

Details

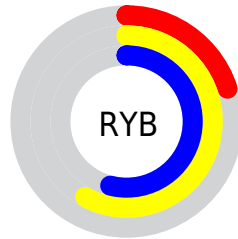
The Hex color **3C9432** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A3294**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **75CB65**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **2F9423**, and if you desaturate by 10%, it is **499441**.

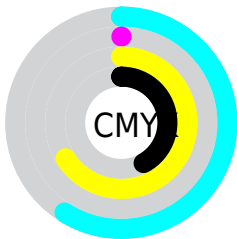
Distribution



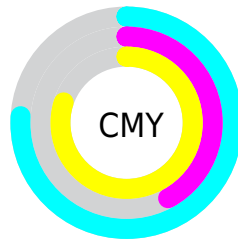
- Red (24%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (54%)



- Cyan (59%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9432 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 3C9432 by changing the saturation by 10% instead.



3C9432



3C9432

FFFFFF



1B7A18



75CB65



006000



91E77F



004700



ADFF9A



003000



CAFFB5



001800



E7FFD1



000000



FFFFEE



3C9432



3C9432



2F9423



499441

■ 219414

■ 579450

■ 149406

■ 64945E

■ 0F9400

■ 71946D

■ 7E947C

■ 8C948B

■ 99949A

■ A694A8

■ B494B7

Harmonies

Analogous

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



7F8900



3C9432



009A68

Triad

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



3C9432



008FEC



E24C66

Complementary

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



3C9432



8A3294

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.



D74E9C



3C9432



4D7EEA

Square

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



3C9432



0098D0



AB65CD



D36034

Rectangle

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



3C9432



009B8E



AB65CD



E24A78

Sweetspot

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



3C9432



9DBF99



948932



4C614A



E0E0E0



616161

Same Dimension

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



3C9432



38BF28



329458



434A43



0E8A00



010A00

Inverse Universe

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



8A3294



B028BF



94326E



49434A



7C008A



09000A

Previews

White Background



This preview shows how the Hex color 3C9432 looks on a white background.

Color Contrast Check

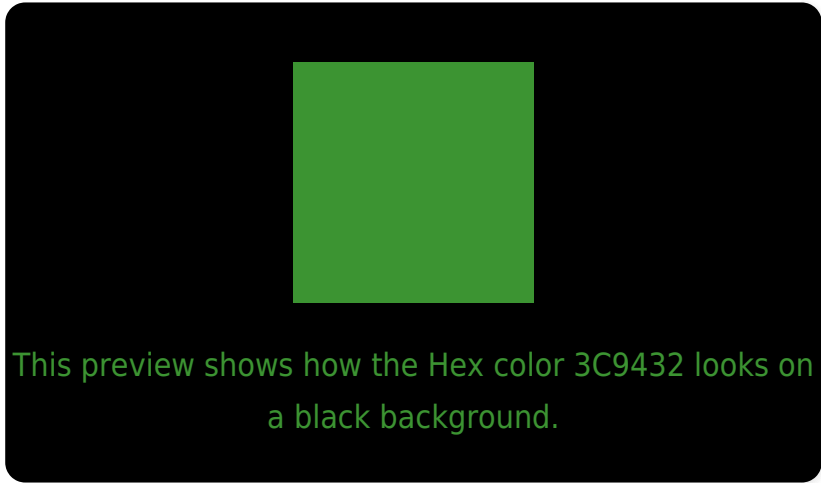
Large Text (above 18pt) WCAG AA ✓ Pass

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 3C9432 Background



This preview shows how black text looks on a background with the Hex color 3C9432.



This preview shows how white text looks on a background with the Hex color 3C9432.

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
3C9432

Protanopia
91822D

Deuteranopia
A07B3A



Tritanopia
528A96

Trichromacy



Original Color
3C9432



Protanomaly
72892F



Deuteranomaly
7C8437



Tritanomaly
4A8E72

Monochromacy



Original Color
3C9432



Achromatopsia
6F6F6F



Achromatomaly
5C7C59

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9432 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 #3C9432 looks like.

```
.text, #text, p{  
    color:#3C9432  
}
```

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 #3C9432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9432
}
```

Border

The CSS property to change the border of an element to Hex 3C9432 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
#3C9432 }
```

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

```
.border{ border-color:#3C9432 }
```

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

Here you see how a box with a 4 pixel #3C9432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9432; -webkit-box-shadow:4px 4px  
4px 4px #3C9432; box-shadow:4px 4px 4px  
4px #3C9432 }
```

Background

The CSS property to change the background color of an element to Hex 3C9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9432 }
```

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

```
.background{ background-color:#3C9432 }
```

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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