

Converting Colors

Hex(3A942B)

Have a look what the booklet for
Hex(3A942B) contains.

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Color

Hex(3A942B)

Conversions

Conversions Part 1

Format	Color
Hex	3A942B
RGB	58, 148, 43
RGB Percent	23%, 58%, 17%
CMY	0.7725, 0.4196, 0.8314
CMYK	0.61, 0.00, 0.71, 0.42
HSL	111°, 55%, 37%
HSV	111°, 71%, 58%
XYZ	12.7709, 22.2538, 5.9078
YIQ	109.1200, -19.9350, -51.7350

Conversions

Conversions Part 2

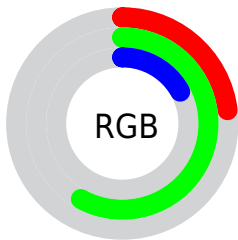
Format	Color
R_{YB}	43, 148, 133
Decimal	3839019
CIE _{Lab}	54.30, -46.90, 45.48
CIE _{LCh}	54, 65.335, 135.881
Yxy	22.2538, 0.3120, 0.5437
Android (android.graphics.Color)	4282029099 (0xFF3A942B)
YUV	109.1200, -32.5972, -44.8322
Hunter-Lab	47.1739, -34.2310, 25.5966

Details

The Hex color **3A942B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **852B94**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **73CB5F**, and **006000** is the 20% darker color. If you saturate the color by 10%, you get **2D941C**, and if you desaturate by 10%, it is **47943A**.

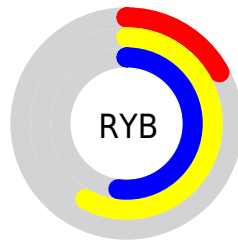
Distribution



Red (23%)

Green (58%)

Blue (17%)



Red (17%)

Yellow (58%)

Blue (52%)

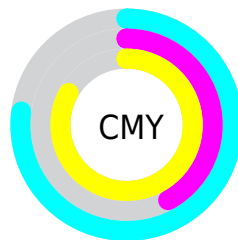


Cyan (61%)

Magenta (0%)

Yellow (71%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3A942B 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 3A942B by changing the saturation by 10% instead.

 3A942B

 3A942B

FFFFFF

 177A0E

 73CB5F

 006000

 8FE779

 004700

 ACFF93

 003000

 C9FFAF

 001800

 E6FFCB

 000000

 FFFFE7

 3A942B

 3A942B

 2D941C

 47943A

■ 21940D

■ 539449

■ 159400

■ 609457

■ 6D9466

■ 799475

■ 869484

■ 939493

■ 9F94A1

■ AC94B0

Harmonies

Analogous

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



808800



3A942B



009A64

Triad

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



3A942B



0090F0



E64766

Complementary

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



3A942B



852B94

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.



D94B9F



3A942B



3F7EEF

Square

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



3A942B



0099D2



A964D1



D65C32

Rectangle

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



3A942B



009B8C



A964D1



E54579

Sweetspot

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



3A942B



9DBF97



94842B



4C6149



E0E0E0



616161

Same Dimension

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



3A942B



34BF1D



2B9450



444A43



148A00



010A00

Inverse Universe

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



852B94



A81DBF



942B6F



49434A



76008A



09000A

Previews

White Background



This preview shows how the Hex color 3A942B looks on a white background.

Color Contrast Check

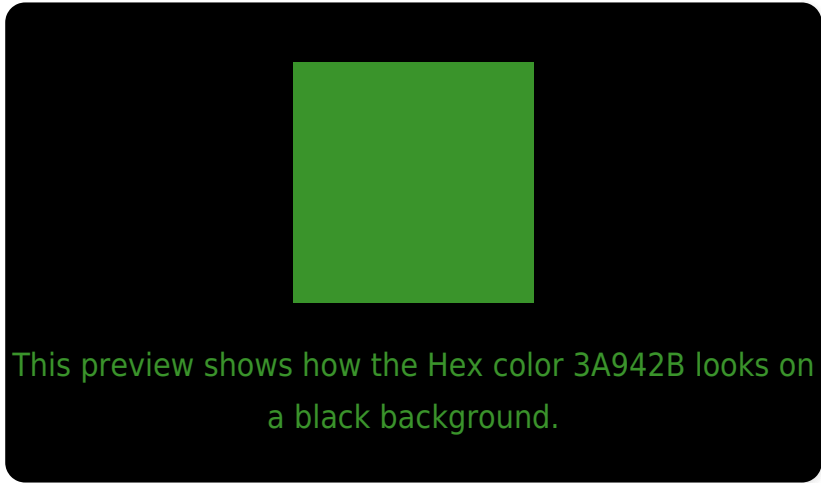
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A942B Background



This preview shows how black text looks on a background with the Hex color 3A942B.



This preview shows how white text looks on a background with the Hex color 3A942B.

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
3A942B

Protanopia
918126

Deuteranopia
A07B34

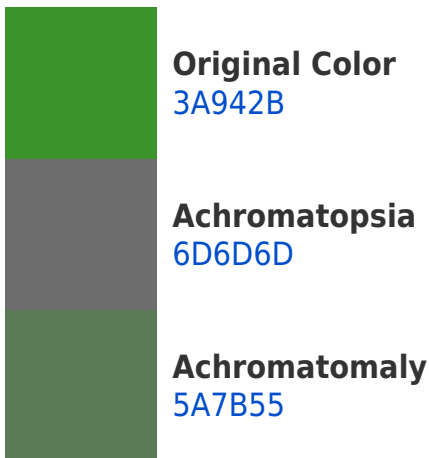


Tritanopia
518A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A942B 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 #3A942B looks like.

```
.text, #text, p{  
    color:#3A942B  
}
```

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 #3A942B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A942B
}
```

Border

The CSS property to change the border of an element to Hex 3A942B 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
#3A942B }
```

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

```
.border{ border-color:#3A942B }
```

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

Here you see how a box with a 4 pixel #3A942B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A942B; -webkit-box-shadow:4px 4px  
4px 4px #3A942B; box-shadow:4px 4px 4px  
4px #3A942B }
```

Background

The CSS property to change the background color of an element to Hex 3A942B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A942B }
```

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

```
.background{ background-color:#3A942B }
```

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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