

Converting Colors

Hex(3A9256)

Have a look what the booklet for
Hex(3A9256) contains.

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Color

Hex(3A9256)

Conversions

Conversions Part 1

Format	Color
Hex	3A9256
RGB	58, 146, 86
RGB Percent	23%, 57%, 34%
CMY	0.7725, 0.4275, 0.6627
CMYK	0.60, 0.00, 0.41, 0.43
HSL	139°, 43%, 40%
HSV	139°, 60%, 57%
XYZ	13.7035, 22.1292, 12.3532
YIQ	112.8480, -33.1880, -37.3160

Conversions

Conversions Part 2

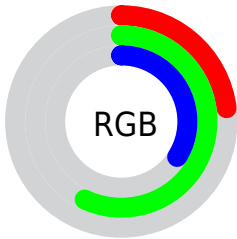
Format	Color
RYB	58, 125, 146
Decimal	3838550
CIELab	54.16, -40.25, 24.15
CIElCh	54, 46.939, 149.035
Yxy	22.1292, 0.2844, 0.4592
Android (android.graphics.Color)	4282028630 (0xFF3A9256)
YUV	112.8480, -13.2361, -48.1017
Hunter-Lab	47.0417, -30.3248, 17.3595

Details

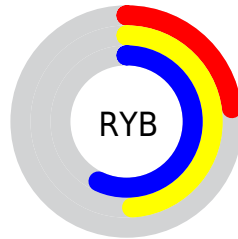
The Hex color **3A9256** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923A76**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **71C988**, and **005E27** is the 20% darker color. If you saturate the color by 10%, you get **2B924C**, and if you desaturate by 10%, it is **499260**.

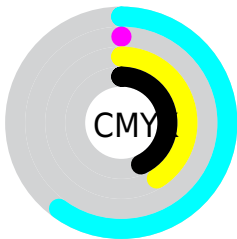
Distribution



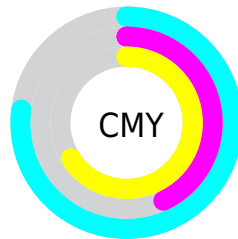
- Red (23%)
- Green (57%)
- Blue (34%)



- Red (23%)
- Yellow (49%)
- Blue (57%)



- Cyan (60%)
- Magenta (0%)
- Yellow (41%)
- Black (43%)



- Cyan (77%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A9256 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 3A9256 by changing the saturation by 10% instead.



3A9256



3A9256

FFFFFF



1A783E



71C988



005E27



8DE5A3



004611



A9FFBE



002F00



C5FFDA



001700



E2FFF7



000000



3A9256



3A9256



2B924C



499260



1D9242



57926A

■ 0E9238

■ 669274

■ 00922E

■ 74927E

■ 839288

■ 929292

■ A0929C

■ AF92A6

■ BD92B0

Harmonies

Analogous

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



718B37



3A9256



00957F

Triad

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



3A9256



2186D2



CB625C

Complementary

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



3A9256



923A76

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.



CA5E84



3A9256



8177C9

Square

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



3A9256



0090C6



B267AC



B9703C

Rectangle

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



3A9256



00969B



B267AC



CD5F69

Sweetspot

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



3A9256



9BBDA6



76923A



4A5E50



DEDEDE



5E5E5E

Same Dimension

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



3A9256



35BD60



3A9282



434A45



008A2C



000A03

Inverse Universe

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



923A76



BD3591



923A4A



4A4348



8A005E



0A0007

Previews

White Background



This preview shows how the Hex color 3A9256 looks on a white background.

Color Contrast Check

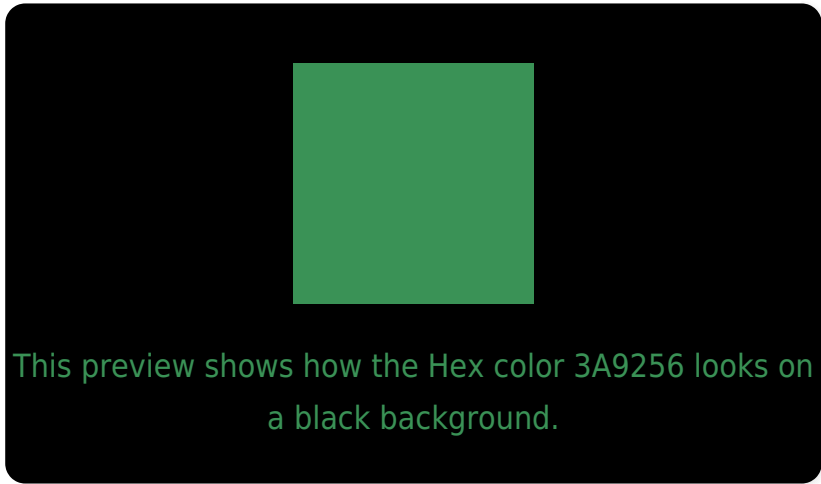
Large Text (above 18pt) WCAG AA ✓ Pass

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

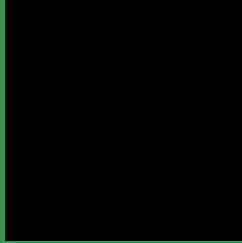
Any Text WCAG AA ✓ Pass

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 3A9256 Background



This preview shows how black text looks on a background with the Hex color 3A9256.



This preview shows how white text looks on a background with the Hex color 3A9256.

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](#).

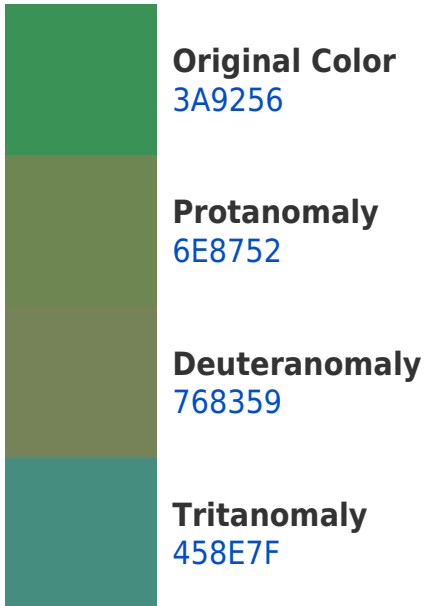
Dichromacy



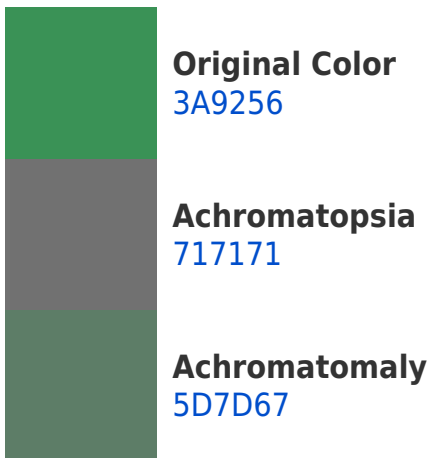


Tritanopia
4C8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A9256 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 #3A9256 looks like.

```
.text, #text, p{  
    color:#3A9256  
}
```

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 #3A9256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A9256
}
```

Border

The CSS property to change the border of an element to Hex 3A9256 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
#3A9256 }
```

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

```
.border{ border-color:#3A9256 }
```

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

Here you see how a box with a 4 pixel #3A9256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A9256; -webkit-box-shadow:4px 4px  
4px 4px #3A9256; box-shadow:4px 4px 4px  
4px #3A9256 }
```

Background

The CSS property to change the background color of an element to Hex 3A9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A9256 }
```

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

```
.background{ background-color:#3A9256 }
```

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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