

# Converting Colors

Hex(3E9252)

Have a look what the booklet for  
Hex(3E9252) contains.

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# Color

Hex(3E9252)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9252
RGB	62, 146, 82
RGB Percent	24%, 57%, 32%
CMY	0.7569, 0.4275, 0.6784
CMYK	0.58, 0.00, 0.44, 0.43
HSL	134°, 40%, 41%
HSV	134°, 58%, 57%
XYZ	13.7885, 22.1911, 11.5392
YIQ	113.5880, -29.5200, -37.7120

# Conversions

## Conversions Part 2

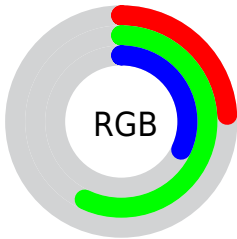
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 130, 146
Decimal	4100690
CIELab	54.23, -39.99, 26.44
CIElCh	54, 47.940, 146.530
Yxy	22.1911, 0.2902, 0.4670
Android (android.graphics.Color)	4282290770 (0xFF3E9252)
YUV	113.5880, -15.5729, -45.2427
Hunter-Lab	47.1074, -30.1905, 18.4518

# Details

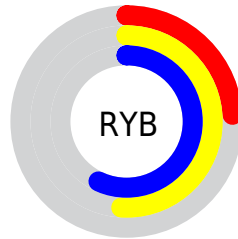
The Hex color **3E9252** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923E7E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **75C984**, and **005E23** is the 20% darker color. If you saturate the color by 10%, you get **2F9247**, and if you desaturate by 10%, it is **4D925D**.

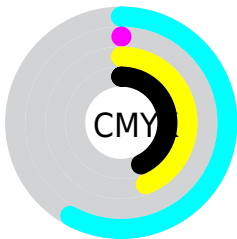
# Distribution



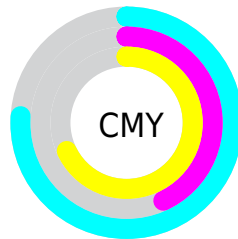
- Red (24%)
- Green (57%)
- Blue (32%)



- Red (24%)
- Yellow (51%)
- Blue (57%)



- Cyan (58%)
- Magenta (0%)
- Yellow (44%)
- Black (43%)



- Cyan (76%)
- Magenta (43%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9252 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 3E9252 by changing the saturation by 10% instead.





3E9252



3E9252

FFFFFF



20783A



75C984



005E23



90E59F



00460D



ACFFBA



002F00



C9FFD6



001700



E6FFF2



000000



3E9252



3E9252



2F9247



4D925D



21923C



5B9268

■ 129231

■ 6A9273

■ 049226

■ 78927E

■ 009223

■ 87928A

■ 969295

■ A492A0

■ B392AB

■ C192B6

# Harmonies

## Analogous

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



748A33



3E9252



00967B

# Triad

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



3E9252



0088D4



CD605F

# Complementary

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



3E9252



923E7E

# 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.



CA5D88



3E9252



7B79CC

# Square

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



3E9252



0091C6



B068B0



BC6E3D

# Rectangle

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



3E9252



009698



B068B0



CE5E6C



# Sweetspot

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



3E9252



9DBDA4



7E923E



4B5E50



DEDEDE



5E5E5E



# Same Dimension

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



3E9252



3ABD59



3E927C



434A44



008A21



000A02



# Inverse Universe

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



923E7E



BD3A9E



923E54



4A4348



8A0069



0A0008



# Previews

## White Background



This preview shows how the Hex color 3E9252 looks on a white background.

## Color Contrast Check

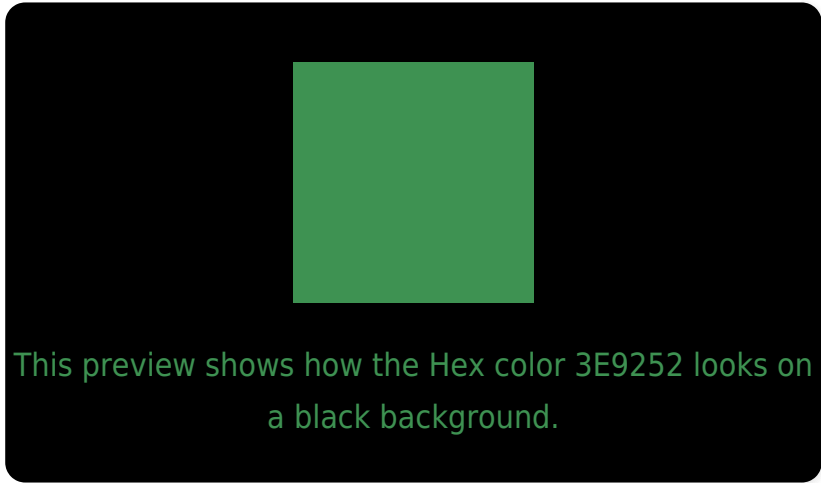
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E9252 Background



This preview shows how black text looks on a background with the Hex color 3E9252.



This preview shows how white text looks on a background with the Hex color 3E9252.

# 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**  
3E9252

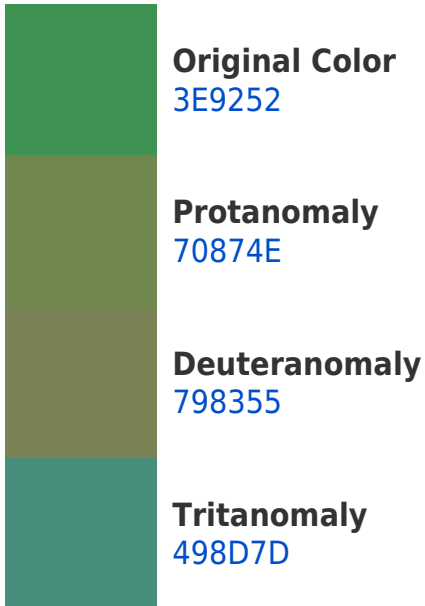
**Protanopia**  
8D814C

**Deuteranopia**  
9A7B57



**Tritanopia**  
508A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9252 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 #3E9252 looks like.

```
.text, #text, p{  
    color:#3E9252  
}
```

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 #3E9252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9252
}
```

## Border

The CSS property to change the border of an element to Hex 3E9252 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
#3E9252 }
```

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

```
.border{ border-color:#3E9252 }
```

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

Here you see how a box with a 4 pixel #3E9252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9252; -webkit-box-shadow:4px 4px  
4px 4px #3E9252; box-shadow:4px 4px 4px  
4px #3E9252 }
```

# Background

The CSS property to change the background color of an element to Hex 3E9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9252 }
```

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

```
.background{ background-color:#3E9252 }
```

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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