

# Converting Colors

Hex(3E9470)

Have a look what the booklet for  
Hex(3E9470) contains.

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# Color

**Hex(3E9470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9470
RGB	62, 148, 112
RGB Percent	24%, 58%, 44%
CMY	0.7569, 0.4196, 0.5608
CMYK	0.58, 0.00, 0.24, 0.42
HSL	155°, 41%, 41%
HSV	155°, 58%, 58%
XYZ	15.5011, 23.3738, 19.0238
YIQ	118.1820, -39.7000, -29.4280

# Conversions

## Conversions Part 2

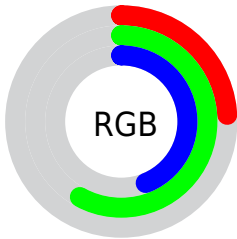
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 116, 148
Decimal	4101232
CIE Lab	55.46, -34.82, 11.39
CIE LCh	55, 36.635, 161.886
Yxy	23.3738, 0.2677, 0.4037
Android (android.graphics.Color)	4282291312 (0xFF3E9470)
YUV	118.1820, -3.0477, -49.2716
Hunter-Lab	48.3465, -27.3745, 10.5125

# Details

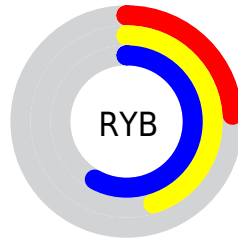
The Hex color **3E9470** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **943E62**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **75CBA4**, and **006040** is the 20% darker color. If you saturate the color by 10%, you get **2F946A**, and if you desaturate by 10%, it is **4D9476**.

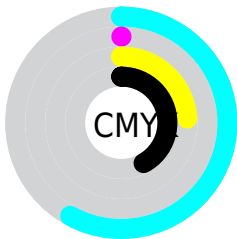
# Distribution



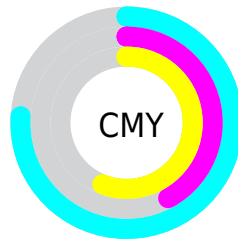
- Red (24%)
- Green (58%)
- Blue (44%)



- Red (24%)
- Yellow (45%)
- Blue (58%)



- Cyan (58%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (76%)
- Magenta (42%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9470 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 3E9470 by changing the saturation by 10% instead.



 3E9470

 3E9470

FFFFFF

 207A58

 75CBA4

 006040

 91E7BF

 00482A

 ADFFDB

 003115

 C9FFF7

 001C00

 E6FFFF

 000000

 3E9470

 3E9470

 2F946A

 4D9476

 209464

 5C947C

■ 12945D

■ 6A9483

■ 039457

■ 799489

■ 009456

■ 88948F

■ 979495

■ A6949B

■ B494A2

■ C394A8

# Harmonies

## Analogous

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



698F54



3E9470



009591

# Triad

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



3E9470



6984C3



BC715C

# Complementary

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



3E9470



943E62

# 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.



C26B79



3E9470



9878B4

# Square

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



3E9470



228EC1



B66E99



A97C48

# Rectangle

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



3E9470



0095A5



B66E99



C06F65



# Sweetspot

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



3E9470



9FBFB2



63943E



4E6159



E0E0E0



616161



# Same Dimension

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



3E9470



39BF87



3E8E94



434A47



008A50



000A06



# Inverse Universe

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



943E62



BF3971



94443E



4A4346



8A003A



0A0004



# Previews

## White Background



This preview shows how the Hex color 3E9470 looks on a white background.

## Color Contrast Check

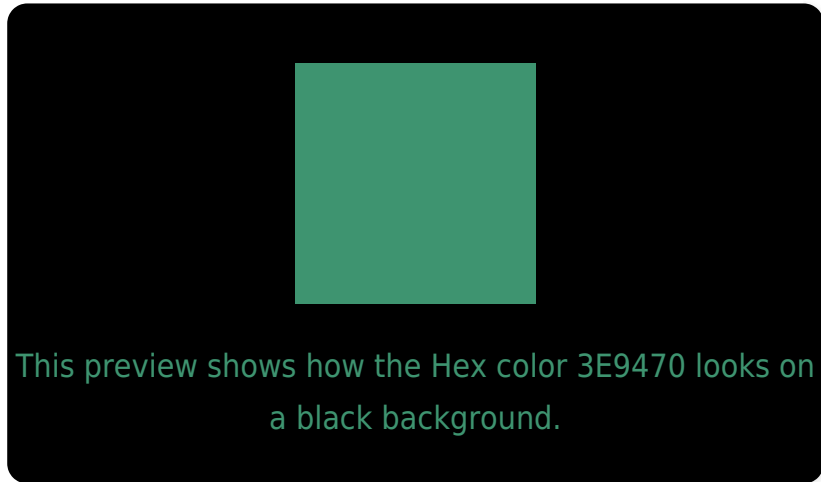
Large Text (above 18pt) WCAG AA ✓ Pass

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

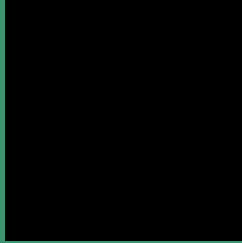
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E9470 Background



This preview shows how black text looks on a background with the Hex color 3E9470.



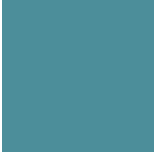
This preview shows how white text looks on a background with the Hex color 3E9470.

# 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](#).

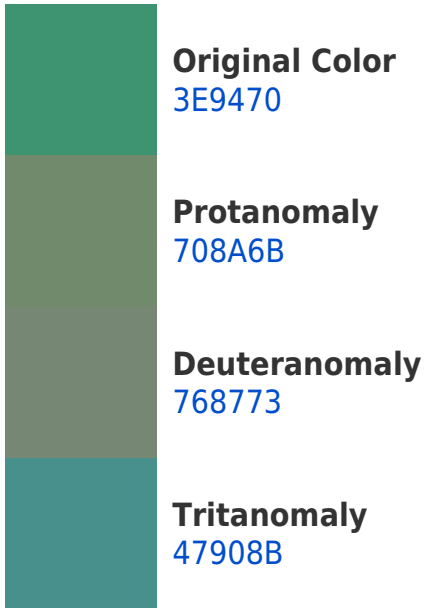
## Dichromacy



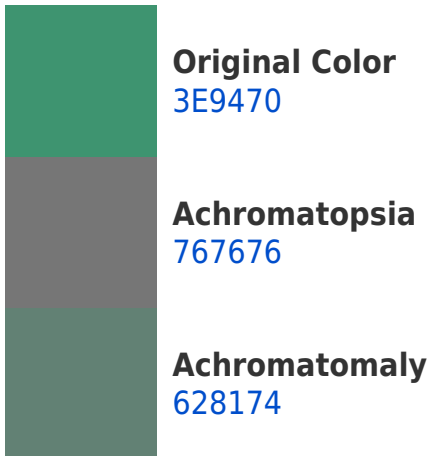


**Tritanopia**  
4C8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9470 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 #3E9470 looks like.

```
.text, #text, p{  
    color:#3E9470  
}
```

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 #3E9470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9470
}
```

## Border

The CSS property to change the border of an element to Hex 3E9470 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
#3E9470 }
```

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

```
.border{ border-color:#3E9470 }
```

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

Here you see how a box with a 4 pixel #3E9470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9470; -webkit-box-shadow:4px 4px  
4px 4px #3E9470; box-shadow:4px 4px 4px  
4px #3E9470 }
```

# Background

The CSS property to change the background color of an element to Hex 3E9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9470 }
```

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

```
.background{ background-color:#3E9470 }
```

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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