

Converting Colors

Hex(3E8170)

Have a look what the booklet for
Hex(3E8170) contains.

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Color

Hex(3E8170)

Conversions

Conversions Part 1

Format	Color
Hex	3E8170
RGB	62, 129, 112
RGB Percent	24%, 51%, 44%
CMY	0.7569, 0.4941, 0.5608
CMYK	0.52, 0.00, 0.13, 0.49
HSL	165°, 35%, 37%
HSV	165°, 52%, 51%
XYZ	12.7615, 17.8945, 18.1106
YIQ	107.0290, -34.4750, -19.4910

Conversions

Conversions Part 2

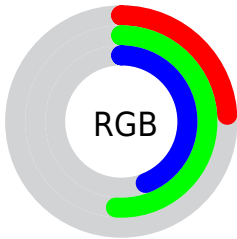
Format	Color
RYB	62, 100, 129
Decimal	4096368
CIELab	49.37, -25.73, 2.71
CIELCh	49, 25.871, 173.981
Yxy	17.8945, 0.2617, 0.3669
Android (android.graphics.Color)	4282286448 (0xFF3E8170)
YUV	107.0290, 2.4507, -39.4904
Hunter-Lab	42.3019, -20.1790, 4.2276

Details

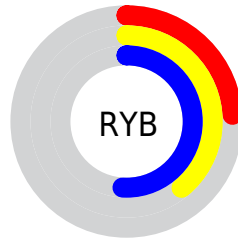
The Hex color **3E8170** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **813E4F**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **73B6A4**, and **004F40** is the 20% darker color. If you saturate the color by 10%, you get **31816D**, and if you desaturate by 10%, it is **4B8173**.

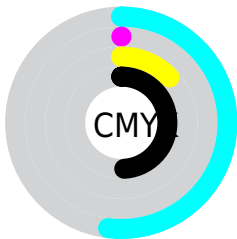
Distribution



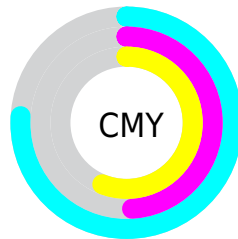
- Red (24%)
- Green (51%)
- Blue (44%)



- Red (24%)
- Yellow (39%)
- Blue (51%)



- Cyan (52%)
- Magenta (0%)
- Yellow (13%)
- Black (49%)



- Cyan (76%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8170 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 3E8170 by changing the saturation by 10% instead.


 3E8170

 3E8170

FFFFFF

 236858

 73B6A4

 004F40

 8ED2BF

 00382A

 A9EEDB

 002316

 C5FFF7

 000000

 E2FFFF

 3E8170

 3E8170

 31816D

 4B8173

 248169

 588177

■ 178166

■ 65817A

■ 0A8163

■ 72817D

■ 008160

■ 7F8180

■ 8B8184

■ 988187

■ A5818A

■ B2818D

Harmonies

Analogous

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



597E5B



3E8170



298186

Triad

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



3E8170



72719D



996B53

Complementary

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



3E8170



813E4F

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.



A16665



3E8170



8D6A8F

Square

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



3E8170



5079A1



9D657B



88724A

Rectangle

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



3E8170



297F93



9D657B



9D6958

Sweetspot

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



3E8170



8DA8A1



50813E



445450



D4D4D4



545454

Same Dimension

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



3E8170



40A88E



3E7181



39403E



00805F



000000

Inverse Universe

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



813E4F



A8405A



814E3E



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 3E8170 looks on a white 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

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 3E8170 Background



This preview shows how black text looks on a background with the Hex color 3E8170.

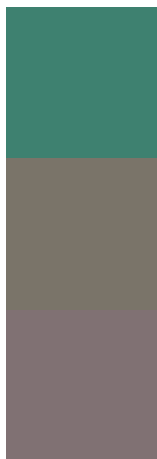


This preview shows how white text looks on a background with the Hex color 3E8170.

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
3E8170

Protanopia
7A7469

Deuteranopia
807173



Tritanopia
457E88

Trichromacy



Original Color
3E8170

Protanomaly
64796C

Deuteranomaly
687772

Tritanomaly
427F7F

Monochromacy



Original Color
3E8170

Achromatopsia
6B6B6B

Achromatomaly
5B736D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8170 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 #3E8170 looks like.

```
.text, #text, p{  
    color:#3E8170  
}
```

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 #3E8170 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8170
}
```

Border

The CSS property to change the border of an element to Hex 3E8170 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
#3E8170 }
```

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

```
.border{ border-color:#3E8170 }
```

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

Here you see how a box with a 4 pixel #3E8170 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8170; -webkit-box-shadow:4px 4px  
4px 4px #3E8170; box-shadow:4px 4px 4px  
4px #3E8170 }
```

Background

The CSS property to change the background color of an element to Hex 3E8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8170 }
```

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

```
.background{ background-color:#3E8170 }
```

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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