

# Converting Colors

Hex(3E715B)

Have a look what the booklet for  
Hex(3E715B) contains.

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# Color

Hex(3E715B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E715B
RGB	62, 113, 91
RGB Percent	24%, 44%, 36%
CMY	0.7569, 0.5569, 0.6431
CMYK	0.45, 0.00, 0.19, 0.56
HSL	154°, 29%, 34%
HSV	154°, 45%, 44%
XYZ	9.7801, 13.5897, 12.0051
YIQ	95.2430, -23.3340, -17.6540

# Conversions

## Conversions Part 2

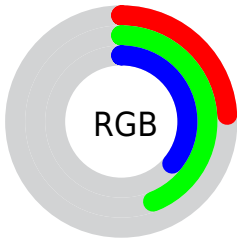
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 95, 113
Decimal	4092251
CIELab	43.64, -22.76, 6.92
CIELCh	44, 23.793, 163.086
Yxy	13.5897, 0.2765, 0.3842
Android (android.graphics.Color)	4282282331 (0xFF3E715B)
YUV	95.2430, -2.0918, -29.1541
Hunter-Lab	36.8642, -17.1565, 6.4967

# Details

The Hex color **3E715B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **713E54**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **70A58D**, and **0A412D** is the 20% darker color. If you saturate the color by 10%, you get **337156**, and if you desaturate by 10%, it is **497160**.

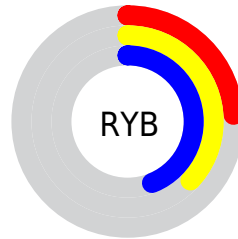
# Distribution



Red (24%)

Green (44%)

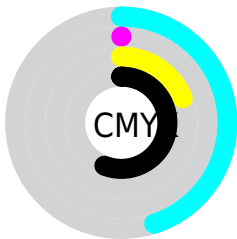
Blue (36%)



Red (24%)

Yellow (37%)

Blue (44%)

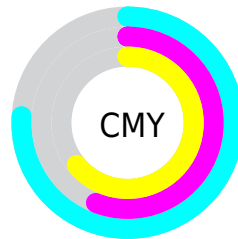


Cyan (45%)

Magenta (0%)

Yellow (19%)

Black (56%)



Cyan (76%)

Magenta (56%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E715B 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 3E715B by changing the saturation by 10% instead.



 3E715B

 3E715B

FFFFFF

 255844

 70A58D

 0A412D

 8BC0A8

 002A19

 A6DCC3

 001500

 C1F9DF

 000000

 DEFFFB

 FAFFFF

 3E715B

 3E715B

 337156

 497160

■ 277151

■ 557165

■ 1C714C

■ 60716A

■ 117148

■ 6B716E

■ 057143

■ 767173

■ 007140

■ 827178

■ 8D717D

■ 987182

■ A47187

# Harmonies

## Analogous

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



566E4A



3E715B



27726F

# Triad

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



3E715B



59668D



8B5C4D

# Complementary

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



3E715B



713E54

# 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.



8E585F



3E715B



755F84

# Square

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



3E715B



3A6C8C



875973



7E6242

# Rectangle

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



3E715B



20717C



875973



8D5A53



# Sweetspot

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



3E715B



7F948B



54713E



3D4A45



C9C9C9



4A4A4A



# Same Dimension

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



3E715B



449471



3E6E71



323836



007844



00F78D



# Inverse Universe

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



713E54



944466



71413E



383235



780034



F7006B



# Previews

## White Background



This preview shows how the Hex color 3E715B looks on a white background.

## Color Contrast Check

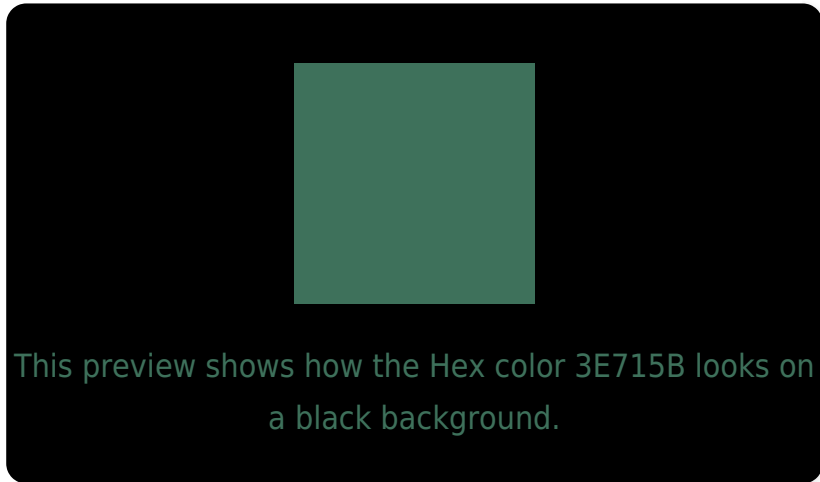
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

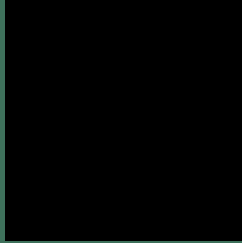
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E715B Background



This preview shows how black text looks on a background with the Hex color 3E715B.



This preview shows how white text looks on a background with the Hex color 3E715B.

# 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**  
3E715B

**Protanopia**  
6C6656

**Deuteranopia**  
74635E



**Tritanopia**  
456D76

# Trichromacy



**Original Color**  
3E715B

**Protanomaly**  
5B6A58

**Deuteranomaly**  
60685D

**Tritanomaly**  
426E6C

# Monochromacy



**Original Color**  
3E715B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
53665E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E715B 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 #3E715B looks like.

```
.text, #text, p{  
    color:#3E715B  
}
```

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 #3E715B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E715B
}
```

## Border

The CSS property to change the border of an element to Hex 3E715B 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".

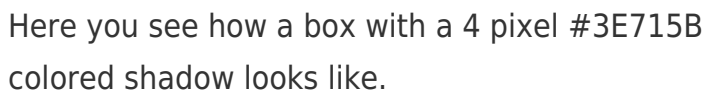
```
.border, #border, table{ border:4px solid
#3E715B }
```

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

```
.border{ border-color:#3E715B }
```

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

Here you see how a box with a 4 pixel #3E715B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E715B; -webkit-box-shadow:4px 4px  
4px 4px #3E715B; box-shadow:4px 4px 4px  
4px #3E715B }
```

# Background

The CSS property to change the background color of an element to Hex 3E715B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E715B }
```

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

```
.background{ background-color:#3E715B }
```

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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