

# Converting Colors

Hex(3E714D)

Have a look what the booklet for  
Hex(3E714D) contains.

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# Color

Hex(3E714D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E714D
RGB	62, 113, 77
RGB Percent	24%, 44%, 30%
CMY	0.7569, 0.5569, 0.6980
CMYK	0.45, 0.00, 0.32, 0.56
HSL	138°, 29%, 34%
HSV	138°, 45%, 44%
XYZ	9.2313, 13.3702, 9.1153
YIQ	93.6470, -18.8400, -22.0080

# Conversions

## Conversions Part 2

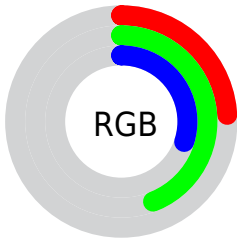
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 101, 113
Decimal	4092237
CIELab	43.32, -25.84, 14.78
CIElCh	43, 29.766, 150.236
Yxy	13.3702, 0.2911, 0.4215
Android (android.graphics.Color)	4282282317 (0xFF3E714D)
YUV	93.6470, -8.2070, -27.7544
Hunter-Lab	36.5653, -18.9251, 10.8153

# Details

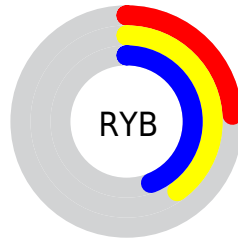
The Hex color **3E714D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **713E62**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **70A57E**, and **0A4020** is the 20% darker color. If you saturate the color by 10%, you get **337145**, and if you desaturate by 10%, it is **497155**.

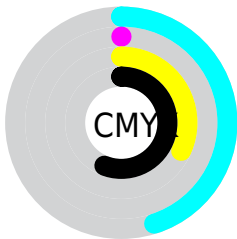
# Distribution



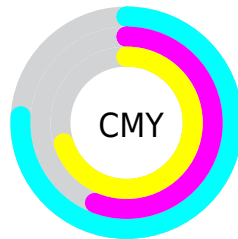
- Red (24%)
- Green (44%)
- Blue (30%)



- Red (24%)
- Yellow (40%)
- Blue (44%)



- Cyan (45%)
- Magenta (0%)
- Yellow (32%)
- Black (56%)



- Cyan (76%)
- Magenta (56%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E714D 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 3E714D by changing the saturation by 10% instead.



 3E714D

 3E714D

FFFFFF

 255836

 70A57E

 0A4020

 8BC198

 002A0A

 A6DDB3

 001400

 C1F9CF

 000000

 DDFFE8

 FAFFFF

 3E714D

 3E714D

 337145

 497155

■ 27713D

■ 55715D

■ 1C7135

■ 607165

■ 11712D

■ 6B716D

■ 057125

■ 767175

■ 007121

■ 82717D

■ 8D7185

■ 98718D

■ A47195

# Harmonies

## Analogous

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



5C6C3B



3E714D



117366

# Triad

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



3E714D



406997



95554F

# Complementary

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



3E714D



713E62

# 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.



945367



3E714D



696091

# Square

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



3E714D



006F91



85577F



895C3C

# Rectangle

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



3E714D



007377



85577F



965357



# Sweetspot

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



3E714D



7F9485



63713E



3D4A41



C9C9C9



4A4A4A



# Same Dimension

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



3E714D



44945C



3E7166



323834



007823



00F749



# Inverse Universe

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



713E62



94447C



713E49



383236



780055

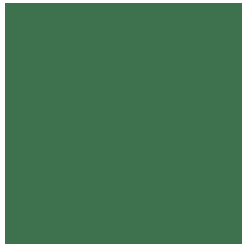


F700AF



# Previews

## White Background



This preview shows how the Hex color 3E714D 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

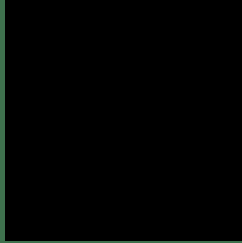
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E714D Background



This preview shows how black text looks on a background with the Hex color 3E714D.



This preview shows how white text looks on a background with the Hex color 3E714D.

# 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**  
3E714D

**Protanopia**  
6E6648

**Deuteranopia**  
776250



**Tritanopia**  
476C75

# Trichromacy



**Original Color**  
3E714D

**Protanomaly**  
5D6A4A

**Deuteranomaly**  
62674F

**Tritanomaly**  
446E66

# Monochromacy



**Original Color**  
3E714D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
526558

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E714D 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 #3E714D looks like.

```
.text, #text, p{  
    color:#3E714D  
}
```

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 #3E714D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E714D
}
```

## Border

The CSS property to change the border of an element to Hex 3E714D 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
#3E714D }
```

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

```
.border{ border-color:#3E714D }
```

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

Here you see how a box with a 4 pixel #3E714D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E714D; -webkit-box-shadow:4px 4px  
4px 4px #3E714D; box-shadow:4px 4px 4px  
4px #3E714D }
```

# Background

The CSS property to change the background color of an element to Hex 3E714D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E714D }
```

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

```
.background{ background-color:#3E714D }
```

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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