

Converting Colors

Hex(3A735D)

Have a look what the booklet for
Hex(3A735D) contains.

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Color

Hex(3A735D)

Conversions

Conversions Part 1

Format	Color
Hex	3A735D
RGB	58, 115, 93
RGB Percent	23%, 45%, 36%
CMY	0.7725, 0.5490, 0.6353
CMYK	0.50, 0.00, 0.19, 0.55
HSL	157°, 33%, 34%
HSV	157°, 50%, 45%
XYZ	9.8514, 13.9513, 12.5296
YIQ	95.4490, -26.9100, -18.9260

Conversions

Conversions Part 2

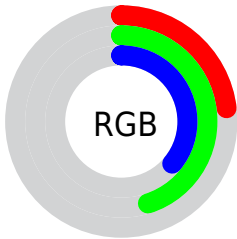
Format	Color
RYB	58, 93, 115
Decimal	3830621
CIELab	44.16, -24.46, 6.45
CIElCh	44, 25.292, 165.226
Yxy	13.9513, 0.2711, 0.3840
Android (android.graphics.Color)	4282020701 (0xFF3A735D)
YUV	95.4490, -1.2074, -32.8428
Hunter-Lab	37.3515, -18.2857, 6.2572

Details

The Hex color **3A735D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **733A50**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6DA78F**, and **01422F** is the 20% darker color. If you saturate the color by 10%, you get **2F7359**, and if you desaturate by 10%, it is **467361**.

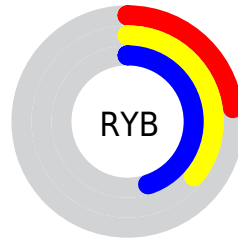
Distribution



Red (23%)

Green (45%)

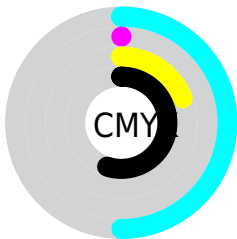
Blue (36%)



Red (23%)

Yellow (36%)

Blue (45%)

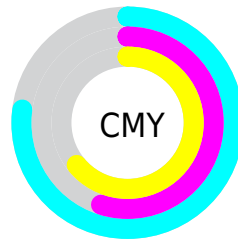


Cyan (50%)

Magenta (0%)

Yellow (19%)

Black (55%)



Cyan (77%)

Magenta (55%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A735D 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 3A735D by changing the saturation by 10% instead.



3A735D



3A735D

FFFFFF



205A45



6DA78F



01422F



87C3AA



002C1A



A2DFC5



001700



BEFB E1



000000



DAFFFE



F7FFFF



3A735D



3A735D



2F7359



467361

■ 237354

■ 517366

■ 187350

■ 5D736A

■ 0C734B

■ 68736F

■ 017347

■ 747373

■ 007347

■ 7F7378

■ 8B737C

■ 967381

■ A27385

Harmonies

Analogous

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



54704A



3A735D



1F7473

Triad

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



3A735D



5C6791



8D5D4C

Complementary

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



3A735D



733A50

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.



92585E



3A735D



785F86

Square

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



3A735D



396E91



8B5974



806440

Rectangle

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



3A735D



167380



8B5974



905B51

Sweetspot

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



3A735D



80968E



51733A



3F4D47



CCCCCC



4D4D4D

Same Dimension

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



3A735D



3E9674



3A6D73



353B38



007A4B



00FA99

Inverse Universe

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



733A50



963E60



73403A



3B3537



7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 3A735D looks on a white background.

Color Contrast Check

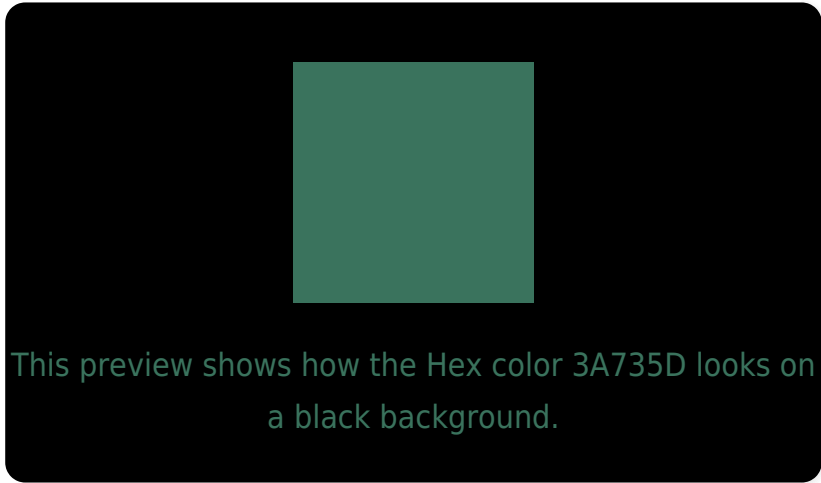
Large Text (above 18pt) WCAG AA ✓ Pass

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

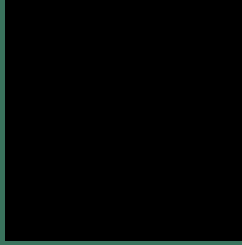
Any Text WCAG AA × Fail

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 3A735D Background



This preview shows how black text looks on a background with the Hex color 3A735D.



This preview shows how white text looks on a background with the Hex color 3A735D.

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
3A735D

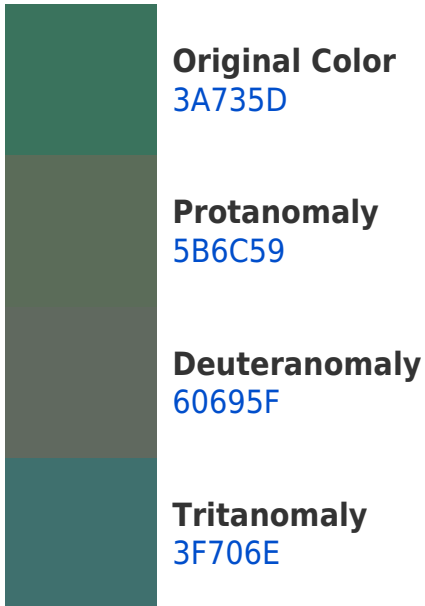
Protanopia
6E6857

Deuteranopia
756460

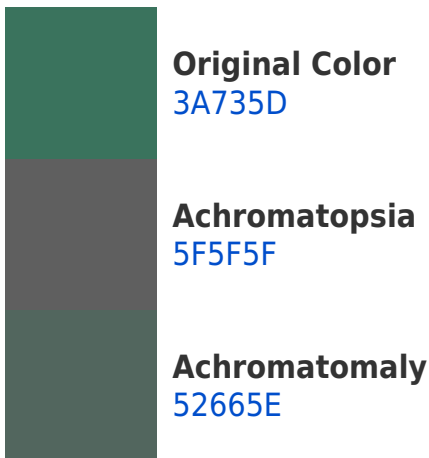


Tritanopia
426F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A735D 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 #3A735D looks like.

```
.text, #text, p{  
    color:#3A735D  
}
```

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 #3A735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A735D
}
```

Border

The CSS property to change the border of an element to Hex 3A735D 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".

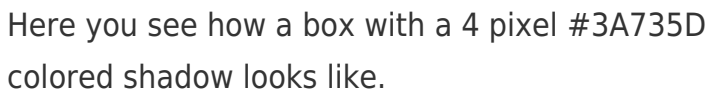
```
.border, #border, table{ border:4px solid
#3A735D }
```

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

```
.border{ border-color:#3A735D }
```

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

Here you see how a box with a 4 pixel #3A735D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A735D; -webkit-box-shadow:4px 4px  
4px 4px #3A735D; box-shadow:4px 4px 4px  
4px #3A735D }
```

Background

The CSS property to change the background color of an element to Hex 3A735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A735D }
```

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

```
.background{ background-color:#3A735D }
```

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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