

# Converting Colors

Hex(493E65)

Have a look what the booklet for  
Hex(493E65) contains.

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# Color

**Hex(493E65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	493E65
RGB	73, 62, 101
RGB Percent	29%, 24%, 40%
CMY	0.7137, 0.7569, 0.6039
CMYK	0.28, 0.39, 0.00, 0.60
HSL	257°, 24%, 32%
HSV	257°, 39%, 40%
XYZ	6.8192, 5.8013, 13.0723
YIQ	69.7350, -5.9630, 14.4610

# Conversions

## Conversions Part 2

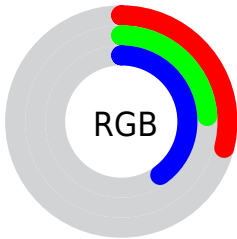
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 62, 101
Decimal	4800101
CIE <sub>Lab</sub>	28.91, 14.21, -21.24
CIE <sub>LCh</sub>	29, 25.553, 303.773
Yxy	5.8013, 0.2654, 0.2258
Android (android.graphics.Color)	4282990181 (0xFF493E65)
YUV	69.7350, 15.4136, 2.8634
Hunter-Lab	24.0859, 8.3869, -15.3187

# Details

The Hex color **493E65** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5A653E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7B6E98**, and **1B1436** is the 20% darker color. If you saturate the color by 10%, you get **423465**, and if you desaturate by 10%, it is **504865**.

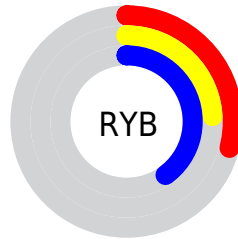
# Distribution



Red (29%)

Green (24%)

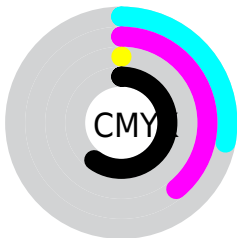
Blue (40%)



Red (29%)

Yellow (24%)

Blue (40%)

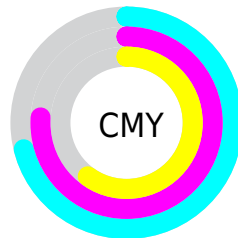


Cyan (28%)

Magenta (39%)

Yellow (0%)

Black (60%)



Cyan (71%)

Magenta (76%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 493E65 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 493E65 by changing the saturation by 10% instead.



■ 493E65

■ 493E65

FFFFFF

■ 32284D

■ 7B6E98

■ 1B1436

■ 9587B3

■ 020021

■ B0A1CF

■ 000005

■ CBBCEB

■ 000000

■ E7D8FF

■ FFF4FF

■ 493E65

■ 493E65

■ 423465

■ 504865

■ 3A2A65

■ 585265

■ 332065

■ 5F5C65

■ 2C1665

■ 666665

■ 250C65

■ 6D7165

■ 1D0165

■ 757B65

■ 1C0065

■ 7C8565

■ 838F65

■ 8A9965

# Harmonies

## Analogous

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



27456B



493E65



5F3756

# Triad

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



493E65



5E3D21



004E46

# Complementary

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



493E65



5A653E

# 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.



1F4D32



493E65



4E441C

# Square

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



493E65



68362F



394922



004E59

# Rectangle

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



493E65



673449



394922



004E3F



# Sweetspot

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



493E65



777282



3E5B65



3C3942



C2C2C2



424242



# Same Dimension

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



493E65



574682



5C3E65



2F2E33



200073



4400F2



# Inverse Universe

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



653E5A



824671



47653E



332E32



730052



F200AE



# Previews

## White Background



This preview shows how the Hex color 493E65 looks on a white background.

## Color Contrast Check

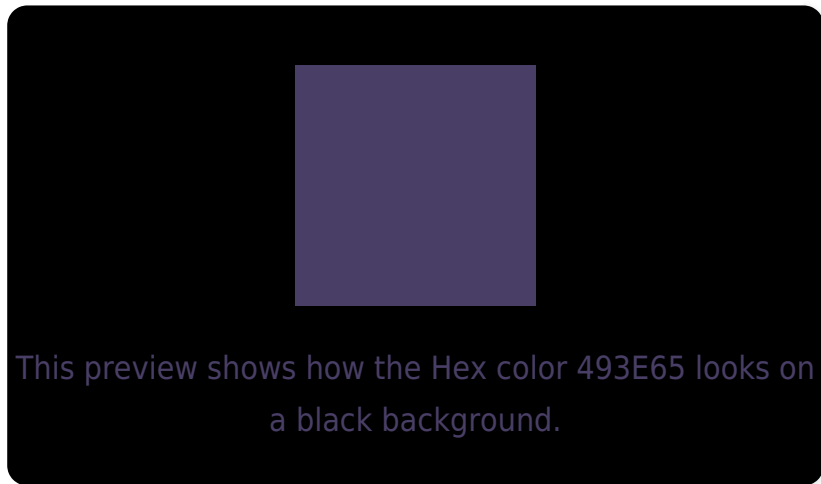
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

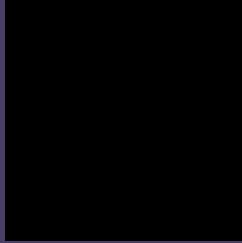
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 493E65 Background



This preview shows how black text looks on a background with the Hex color 493E65.



This preview shows how white text looks on a background with the Hex color 493E65.

# 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**  
493E65

**Protanopia**  
364369

**Deuteranopia**  
374464



**Tritanopia**  
444449

# Trichromacy



**Original Color**  
493E65

**Protanomaly**  
3D4168

**Deuteranomaly**  
3E4264

**Tritanomaly**  
464253

# Monochromacy



**Original Color**  
493E65

**Achromatopsia**  
464646

**Achromatomaly**  
474351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 493E65 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 #493E65 looks like.

```
.text, #text, p{  
    color:#493E65  
}
```

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 #493E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493E65
}
```

## Border

The CSS property to change the border of an element to Hex 493E65 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
#493E65 }
```

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

```
.border{ border-color:#493E65 }
```

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

Here you see how a box with a 4 pixel #493E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493E65; -webkit-box-shadow:4px 4px  
4px 4px #493E65; box-shadow:4px 4px 4px  
4px #493E65 }
```

# Background

The CSS property to change the background color of an element to Hex 493E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493E65 }
```

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

```
.background{ background-color:#493E65 }
```

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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