

Converting Colors

Hex(493B5B)

Have a look what the booklet for
Hex(493B5B) contains.

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Color

Hex(493B5B)

Conversions

Conversions Part 1

Format	Color
Hex	493B5B
RGB	73, 59, 91
RGB Percent	29%, 23%, 36%
CMY	0.7137, 0.7686, 0.6431
CMYK	0.20, 0.35, 0.00, 0.64
HSL	266°, 21%, 29%
HSV	266°, 35%, 36%
XYZ	6.1999, 5.2997, 10.5937
YIQ	66.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

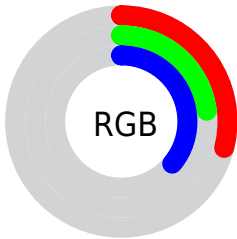
Format	Color
R_YB	73, 59, 91
Decimal	4799323
CIE Lab	27.57, 13.46, -16.86
CIE LCh	28, 21.577, 308.603
Yxy	5.2997, 0.2806, 0.2399
Android (android.graphics.Color)	4282989403 (0xFF493B5B)
YUV	66.8340, 11.9138, 5.4076
Hunter-Lab	23.0211, 7.7858, -11.1689

Details

The Hex color **493B5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4D5B3B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A6A8D**, and **1C112D** is the 20% darker color. If you saturate the color by 10%, you get **44325B**, and if you desaturate by 10%, it is **4E445B**.

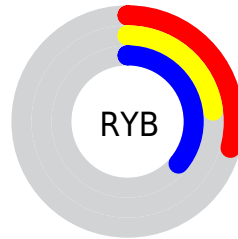
Distribution



Red (29%)

Green (23%)

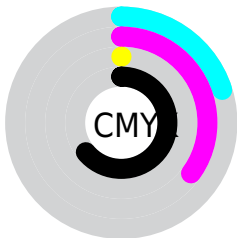
Blue (36%)



Red (29%)

Yellow (23%)

Blue (36%)

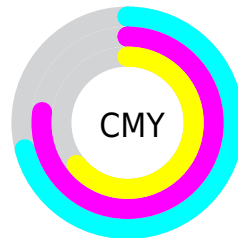


Cyan (20%)

Magenta (35%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (77%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 493B5B 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 493B5B by changing the saturation by 10% instead.



493B5B



493B5B

FFFFFF



322543



7A6A8D



1C112D



9484A8



000018



AF9EC3



000000



CAB9DF



E7D4FC



FFF1FF



493B5B



493B5B



44325B



4E445B

■ 3F295B

■ 534D5B

■ 3A205B

■ 58565B

■ 35175B

■ 5D5F5B

■ 2F0E5B

■ 63695B

■ 2A045B

■ 68725B

■ 28005B

■ 6D7B5B

■ 72845B

■ 778D5B

Harmonies

Analogous

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



304162



493B5B



5A364E

Triad

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



493B5B



553C22



004A45

Complementary

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



493B5B



4D5B3B

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.



204934



493B5B



474220

Square

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



493B5B



5F372D



354627



004955

Rectangle

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



493B5B



5F3443



354627



0C4A40

Sweetspot

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



493B5B



6E6875



3B4D5B



36333B



BABABA



3B3B3B

Same Dimension

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



493B5B



5A4475



593B5B



2B292E



30006E



6800ED

Inverse Universe

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



5B3B4D



754460



3D5B3B



2E292C



6E003E



ED0085

Previews

White Background



This preview shows how the Hex color 493B5B looks on a white background.

Color Contrast Check

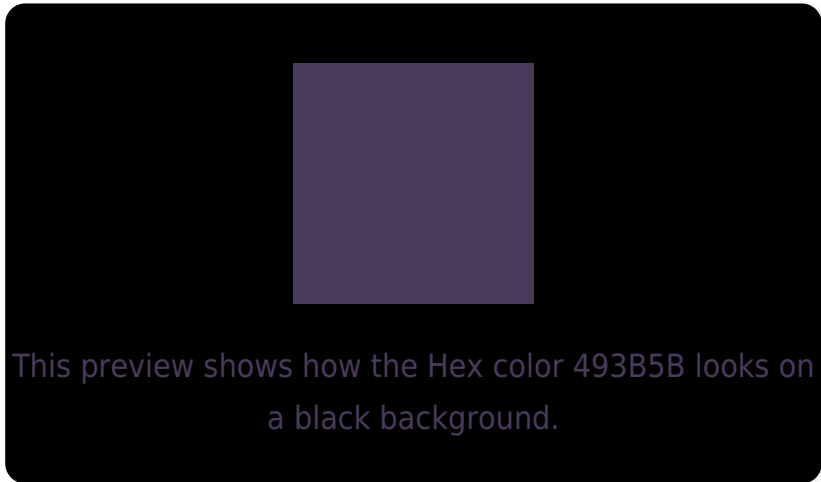
Large Text (above 18pt) WCAG AA ✓ Pass

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

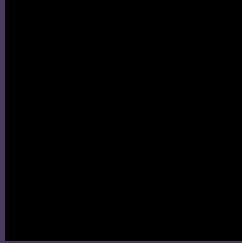
Any Text WCAG AA × Fail

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 493B5B Background



This preview shows how black text looks on a background with the Hex color 493B5B.

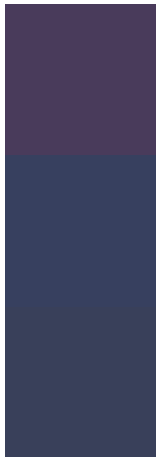


This preview shows how white text looks on a background with the Hex color 493B5B.

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
493B5B

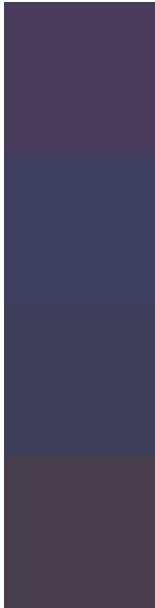
Protanopia
37405F

Deuteranopia
39405A



Tritanopia
454045

Trichromacy



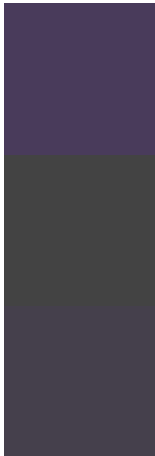
Original Color
493B5B

Protanomaly
3E3E5E

Deuteranomaly
3F3E5A

Tritanomaly
463E4D

Monochromacy



Original Color
493B5B

Achromatopsia
434343

Achromatomaly
45404C

CSS Examples

Text

The CSS property to change the color of the text to Hex 493B5B 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 #493B5B looks like.

```
.text, #text, p{  
    color:#493B5B  
}
```

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 #493B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #493B5B
}
```

Border

The CSS property to change the border of an element to Hex 493B5B 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
#493B5B }
```

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

```
.border{ border-color:#493B5B }
```

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

Here you see how a box with a 4 pixel #493B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #493B5B; -webkit-box-shadow:4px 4px  
4px 4px #493B5B; box-shadow:4px 4px 4px  
4px #493B5B }
```

Background

The CSS property to change the background color of an element to Hex 493B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#493B5B }
```

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

```
.background{ background-color:#493B5B }
```

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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