

Converting Colors

Hex(494D8B)

Have a look what the booklet for
Hex(494D8B) contains.

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Color

Hex(494D8B)

Conversions

Conversions Part 1

Format	Color
Hex	494D8B
RGB	73, 77, 139
RGB Percent	29%, 30%, 55%
CMY	0.7137, 0.6980, 0.4549
CMYK	0.47, 0.45, 0.00, 0.45
HSL	236°, 31%, 42%
HSV	236°, 47%, 55%
XYZ	10.0617, 8.5883, 25.5535
YIQ	82.8720, -22.2860, 18.4340

Conversions

Conversions Part 2

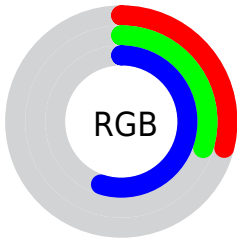
Format	Color
R_{YB}	73, 77, 139
Decimal	4803979
CIE _{Lab}	35.18, 15.93, -35.13
CIE _{LCh}	35, 38.568, 294.391
Yxy	8.5883, 0.2276, 0.1943
Android (android.graphics.Color)	4282994059 (0xFF494D8B)
YUV	82.8720, 27.6711, -8.6577
Hunter-Lab	29.3058, 10.0003, -31.1845

Details

The Hex color **494D8B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B8749**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7D7EC1**, and **122158** is the 20% darker color. If you saturate the color by 10%, you get **3B408B**, and if you desaturate by 10%, it is **575A8B**.

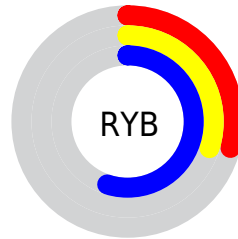
Distribution



Red (29%)

Green (30%)

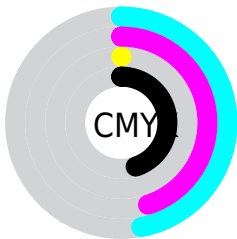
Blue (55%)



Red (29%)

Yellow (30%)

Blue (55%)

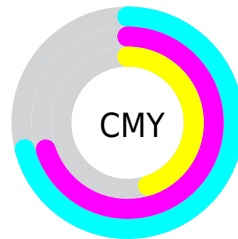


Cyan (47%)

Magenta (45%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (70%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 494D8B 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 494D8B by changing the saturation by 10% instead.

■ 494D8B

■ 494D8B

FFFFFF

■ 2F3671

■ 7D7EC1

■ 122158

■ 9898DD

■ 000C41

■ B4B2FA

■ 00032A

■ D0CEFF

■ 000114

■ EDEAFF

■ 000000

■ 494D8B

■ 494D8B

■ 3B408B

■ 575A8B

■ 2D338B

■ 65678B

■ 1F268B

■ 73748B

■ 11198B

■ 81818B

■ 040C8B

■ 8F8E8B

■ 00088B

■ 9C9B8B

■ AAA88B

■ B8B58B

■ C6C38B

Harmonies

Analogous

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



005890



494D8B



734077

Triad

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



494D8B



7E4321



00614C

Complementary

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



494D8B



8B8749

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.



225E2D



494D8B



684F10

Square

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



494D8B



8A383B



4A5915



00616B

Rectangle

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



494D8B



823964



4A5915



006141

Sweetspot

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



494D8B



9C9DB5



498B87



4C4D5C



DBDBDB



5C5C5C

Same Dimension

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



494D8B



4E54B5



66498B



3E3E45



000885



000005

Inverse Universe

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



8B494D



B54E54



6E8B49



453E3E



850008



050000

Previews

White Background



This preview shows how the Hex color 494D8B looks on a white background.

Color Contrast Check

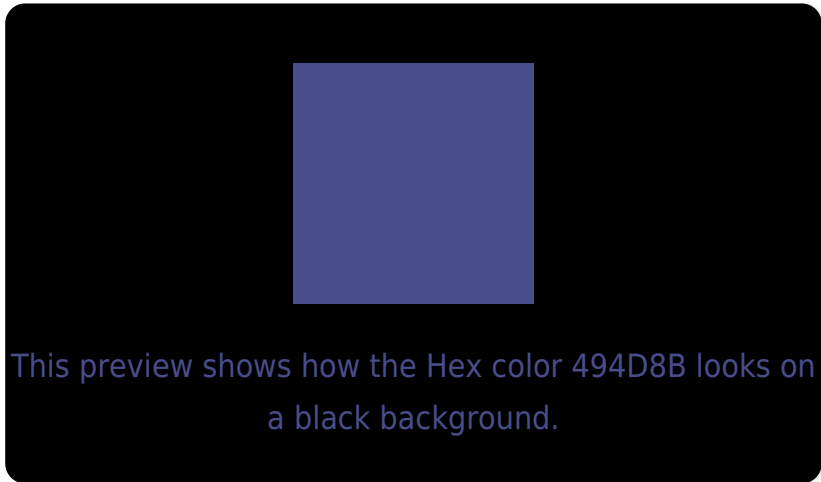
Large Text (above 18pt) WCAG AA ✓ Pass

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

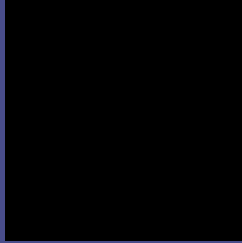
Any Text WCAG AA × Fail

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 494D8B Background



This preview shows how black text looks on a background with the Hex color 494D8B.



This preview shows how white text looks on a background with the Hex color 494D8B.

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
494D8B

Protanopia
37518E

Deuteranopia
2E538A



Tritanopia
3C575E

Trichromacy



Original Color
494D8B

Protanomaly
3E508D

Deuteranomaly
38518A

Tritanomaly
41536E

Monochromacy



Original Color
494D8B

Achromatopsia
535353

Achromatomaly
4F5167

CSS Examples

Text

The CSS property to change the color of the text to Hex 494D8B 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 #494D8B looks like.

```
.text, #text, p{  
    color:#494D8B  
}
```

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 #494D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #494D8B
}
```

Border

The CSS property to change the border of an element to Hex 494D8B 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".

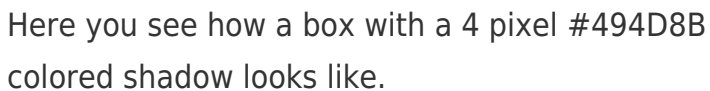
```
.border, #border, table{ border:4px solid
#494D8B }
```

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

```
.border{ border-color:#494D8B }
```

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

Here you see how a box with a 4 pixel #494D8B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #494D8B; -webkit-box-shadow:4px 4px  
4px 4px #494D8B; box-shadow:4px 4px 4px  
4px #494D8B }
```

Background

The CSS property to change the background color of an element to Hex 494D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#494D8B }
```

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

```
.background{ background-color:#494D8B }
```

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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