

Converting Colors

Hex(495D80)

Have a look what the booklet for
Hex(495D80) contains.

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Color

Hex(495D80)

Conversions

Conversions Part 1

Format	Color
Hex	495D80
RGB	73, 93, 128
RGB Percent	29%, 36%, 50%
CMY	0.7137, 0.6353, 0.4980
CMYK	0.43, 0.27, 0.00, 0.50
HSL	218°, 27%, 39%
HSV	218°, 43%, 50%
XYZ	10.5583, 10.8037, 21.9509
YIQ	91.0100, -23.1550, 6.6450

Conversions

Conversions Part 2

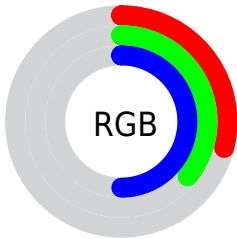
Format	Color
R _Y B	73, 88, 128
Decimal	4808064
CIE Lab	39.25, 2.22, -22.02
CIE LCh	39, 22.129, 275.755
Yxy	10.8037, 0.2438, 0.2494
Android (android.graphics.Color)	4282998144 (0xFF495D80)
YUV	91.0100, 18.2361, -15.7948
Hunter-Lab	32.8690, -0.1822, -16.5874

Details

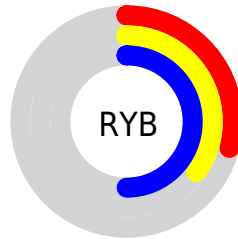
The Hex color **495D80** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **806C49**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7C8FB5**, and **172F4F** is the 20% darker color. If you saturate the color by 10%, you get **3C5580**, and if you desaturate by 10%, it is **566580**.

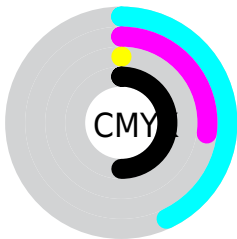
Distribution



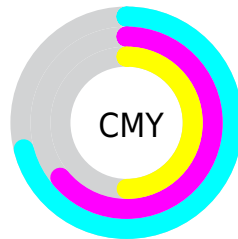
- Red (29%)
- Green (36%)
- Blue (50%)



- Red (29%)
- Yellow (35%)
- Blue (50%)



- Cyan (43%)
- Magenta (27%)
- Yellow (0%)
- Black (50%)



- Cyan (71%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495D80 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 495D80 by changing the saturation by 10% instead.

■ 495D80

■ 495D80

FFFFFF

■ 304667

■ 7C8FB5

■ 172F4F

■ 96AAD1

■ 001B38

■ B2C5ED

■ 000222

■ CEE1FF

■ 000008

■ EAFDFF

■ 000000

■ 495D80

■ 495D80

■ 3C5580

■ 566580

■ 2F4D80

■ 636D80

■ 234580

■ 6F7580

■ 163C80

■ 7C7E80

■ 093480

■ 898680

■ 002F80

■ 968E80

■ A39680

■ AF9E80

■ BCA680

Harmonies

Analogous

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



2C627D



495D80



63577A

Triad

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



495D80



7E5148



3C654D

Complementary

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



495D80



806C49

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.



52623F



495D80



75563C

Square

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



495D80



7F4F5A



655C38



26665F

Rectangle

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



495D80



715371



655C38



446448

Sweetspot

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



495D80



9098A6



49806C



474C54



D4D4D4



545454

Same Dimension

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



495D80



506FA6



504980



393C40



002E80



000000

Inverse Universe

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



80495D



A6506F



798049



40393C



80002E



000000

Previews

White Background



This preview shows how the Hex color 495D80 looks on a white background.

Color Contrast Check

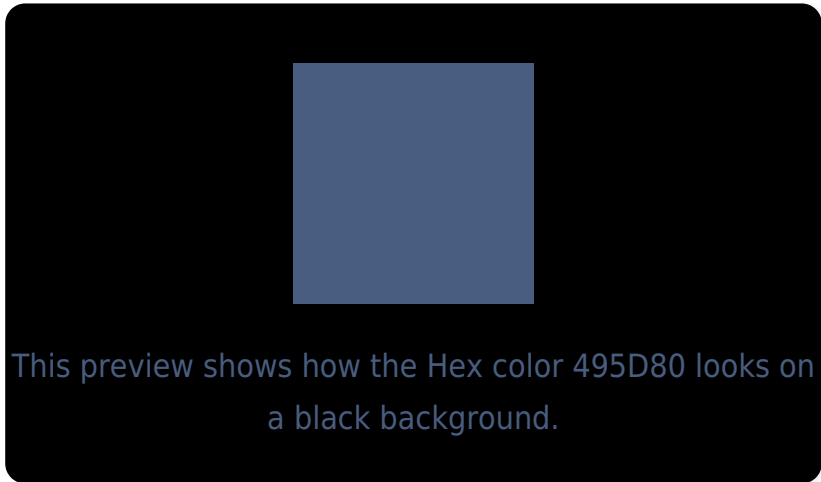
Large Text (above 18pt) WCAG AA ✓ Pass

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

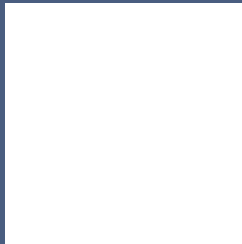
Any Text WCAG AAA × Fail

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

Hex 495D80 Background



This preview shows how black text looks on a background with the Hex color 495D80.

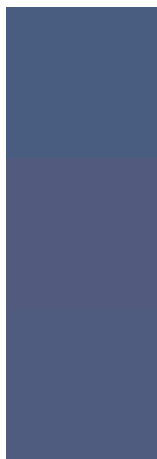


This preview shows how white text looks on a background with the Hex color 495D80.

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
495D80

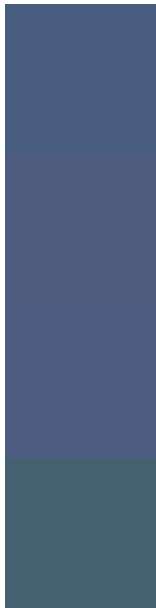
Protanopia
525B7E

Deuteranopia
505B80



Tritanopia
436169

Trichromacy



Original Color
495D80

Protanomaly
4F5C7F

Deuteranomaly
4D5C80

Tritanomaly
456071

Monochromacy



Original Color
495D80

Achromatopsia
5B5B5B

Achromatomaly
545C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 495D80 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 #495D80 looks like.

```
.text, #text, p{  
    color:#495D80  
}
```

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 #495D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495D80
}
```

Border

The CSS property to change the border of an element to Hex 495D80 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
#495D80 }
```

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

```
.border{ border-color:#495D80 }
```

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

Here you see how a box with a 4 pixel #495D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495D80; -webkit-box-shadow:4px 4px  
4px 4px #495D80; box-shadow:4px 4px 4px  
4px #495D80 }
```

Background

The CSS property to change the background color of an element to Hex 495D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495D80 }
```

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

```
.background{ background-color:#495D80 }
```

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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