

Converting Colors

Hex(495B77)

Have a look what the booklet for
Hex(495B77) contains.

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Color

Hex(495B77)

Conversions

Conversions Part 1

Format	Color
Hex	495B77
RGB	73, 91, 119
RGB Percent	29%, 36%, 47%
CMY	0.7137, 0.6431, 0.5333
CMYK	0.39, 0.24, 0.00, 0.53
HSL	217°, 24%, 38%
HSV	217°, 39%, 47%
XYZ	9.8185, 10.2305, 18.9100
YIQ	88.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

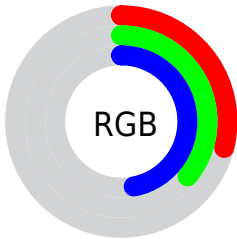
Format	Color
RYB	73, 86, 119
Decimal	4807543
CIELab	38.25, 0.76, -18.05
CIELCh	38, 18.061, 272.401
Yxy	10.2305, 0.2520, 0.2626
Android (android.graphics.Color)	4282997623 (0xFF495B77)
YUV	88.8100, 14.8837, -13.8654
Hunter-Lab	31.9852, -1.1800, -12.6631

Details

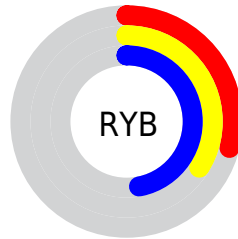
The Hex color **495B77** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **776549**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7B8DAB**, and **192E46** is the 20% darker color. If you saturate the color by 10%, you get **3D5477**, and if you desaturate by 10%, it is **556277**.

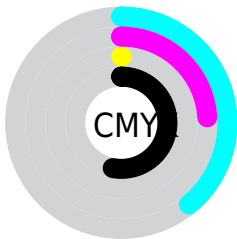
Distribution



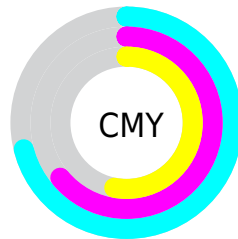
- Red (29%)
- Green (36%)
- Blue (47%)



- Red (29%)
- Yellow (34%)
- Blue (47%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495B77 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 495B77 by changing the saturation by 10% instead.

■ 495B77

■ 495B77

FFFFFF

■ 31445E

■ 7B8DAB

■ 192E46

■ 96A7C7

■ 011930

■ B1C3E3

■ 00011B

■ CCDEFF

■ 000000

■ E9FBFF

■ 495B77

■ 495B77

■ 3D5477

■ 556277

■ 314D77

■ 616977

■ 254577

■ 6D7177

■ 193E77

■ 797877

■ 0D3777

■ 847F77

■ 023077

■ 908677

■ 002F77

■ 9C8E77

■ A89577

■ B49C77

Harmonies

Analogous

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



355F74



495B77



5E5673

Triad

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



495B77



77514B



43614C

Complementary

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



495B77



776549

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.



545E41



495B77



705541

Square

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



495B77



764F59



63593D



33625B

Rectangle

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



495B77



69536C



63593D



486048

Sweetspot

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



495B77



89909C



497765



44484F



CFCFCF



4F4F4F

Same Dimension

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



495B77



54709C



4E4977



35373B



00307A



0062FA

Inverse Universe

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



77495B



9C5470



727749



3B3537



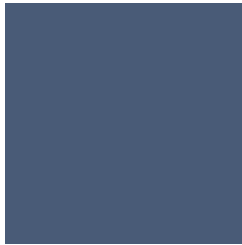
7A0030



FA0062

Previews

White Background



This preview shows how the Hex color 495B77 looks on a white background.

Color Contrast Check

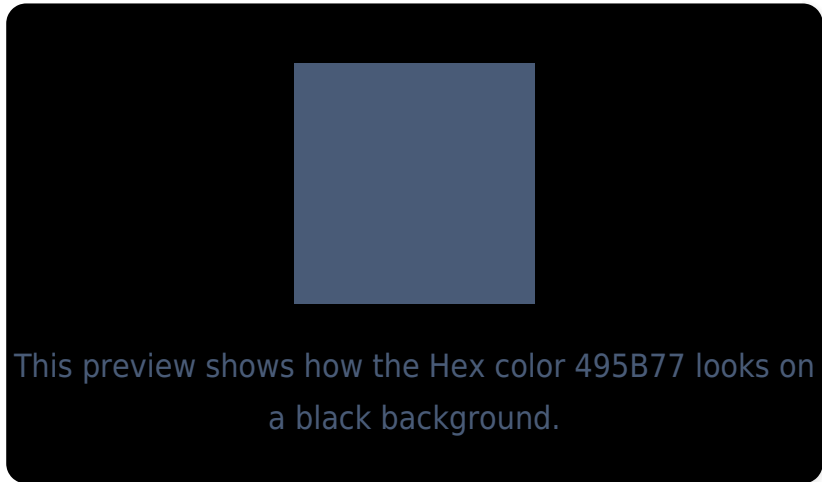
Large Text (above 18pt) WCAG AA ✓ Pass

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

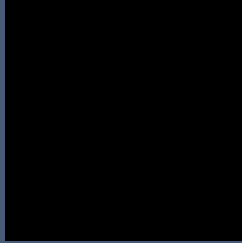
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

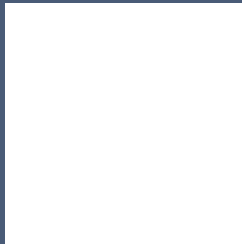
Any Text WCAG AAA × Fail

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

Hex 495B77 Background



This preview shows how black text looks on a background with the Hex color 495B77.

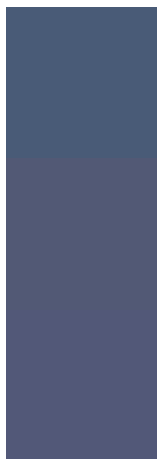


This preview shows how white text looks on a background with the Hex color 495B77.

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
495B77

Protanopia
525975

Deuteranopia
525878



Tritanopia
455E66

Trichromacy



Original Color
495B77

Protanomaly
4F5A76

Deuteranomaly
4F5978

Tritanomaly
465D6C

Monochromacy



Original Color
495B77

Achromatopsia
595959

Achromatomaly
535A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 495B77 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 #495B77 looks like.

```
.text, #text, p{  
    color:#495B77  
}
```

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 #495B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495B77  
}
```

Border

The CSS property to change the border of an element to Hex 495B77 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  
#495B77 }
```

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

```
.border{ border-color:#495B77 }
```

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

Here you see how a box with a 4 pixel #495B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495B77; -webkit-box-shadow:4px 4px  
4px 4px #495B77; box-shadow:4px 4px 4px  
4px #495B77 }
```

Background

The CSS property to change the background color of an element to Hex 495B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495B77 }
```

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

```
.background{ background-color:#495B77 }
```

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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