

Converting Colors

Hex(495177)

Have a look what the booklet for
Hex(495177) contains.

Hex(495177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(495177)

Conversions

Conversions Part 1

Format	Color
Hex	495177
RGB	73, 81, 119
RGB Percent	29%, 32%, 47%
CMY	0.7137, 0.6824, 0.5333
CMYK	0.39, 0.32, 0.00, 0.53
HSL	230°, 24%, 38%
HSV	230°, 39%, 47%
XYZ	9.0199, 8.6332, 18.6437
YIQ	82.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

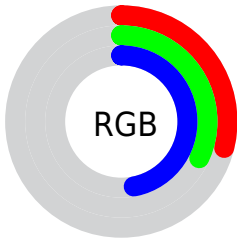
Format	Color
R_{YB}	73, 80, 119
Decimal	4804983
CIE Lab	35.27, 7.08, -22.67
CIE LCh	35, 23.746, 287.347
Yxy	8.6332, 0.2485, 0.2379
Android (android.graphics.Color)	4282995063 (0xFF495177)
YUV	82.9400, 17.7776, -8.7174
Hunter-Lab	29.3824, 3.3771, -17.0531

Details

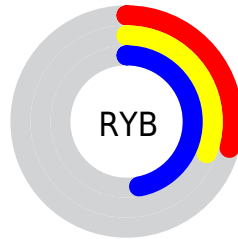
The Hex color **495177** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **776F49**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **7B82AB**, and **192546** is the 20% darker color. If you saturate the color by 10%, you get **3D4777**, and if you desaturate by 10%, it is **555B77**.

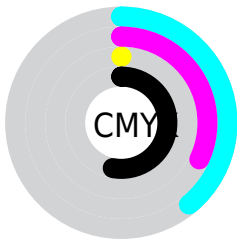
Distribution



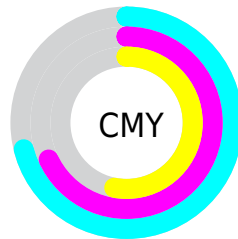
- Red (29%)
- Green (32%)
- Blue (47%)



- Red (29%)
- Yellow (31%)
- Blue (47%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (53%)



- Cyan (71%)
- Magenta (68%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 495177 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 495177 by changing the saturation by 10% instead.

■ 495177

■ 495177

FFFFFF

■ 313A5E

■ 7B82AB

■ 192546

■ 969CC7

■ 011030

■ B1B7E3

■ 00011B

■ CCD3FF

■ 000000

■ E9EFFF

■ 495177

■ 495177

■ 3D4777

■ 555B77

■ 313D77

■ 616577

■ 253477

■ 6D6E77

■ 192A77

■ 797877

■ 0D2077

■ 848277

■ 021677

■ 908C77

■ 001577

■ 9C9677

■ A8A077

■ B4A977

Harmonies

Analogous

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



275778



495177



634A6D

Triad

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



495177



734938



265C4A

Complementary

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



495177



776F49

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.



3F5A39



495177



664F2E

Square

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



495177



784449



54552E



015D5E

Rectangle

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



495177



6E4662



54552E



2F5C44

Sweetspot

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



495177



898C9C



49776F



44464F



CFCFCF



4F4F4F

Same Dimension

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



495177



54609C



584977



35363B



00157A



002BFA

Inverse Universe

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



774951



9C5460



687749



3B3536



7A0015



FA002B

Previews

White Background



This preview shows how the Hex color 495177 looks on a white background.

Color Contrast Check

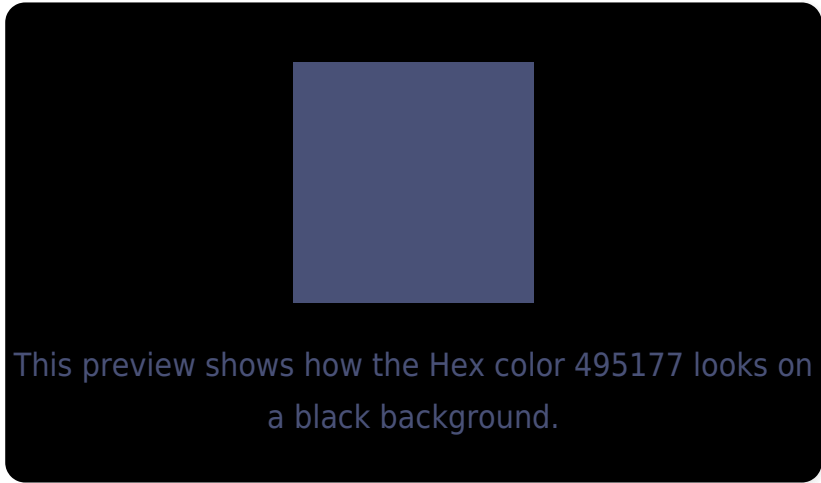
Large Text (above 18pt) WCAG AA ✓ Pass

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

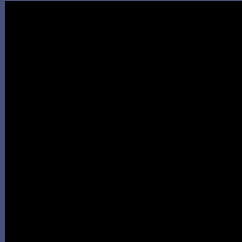
Any Text WCAG AA × Fail

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 495177 Background



This preview shows how black text looks on a background with the Hex color 495177.

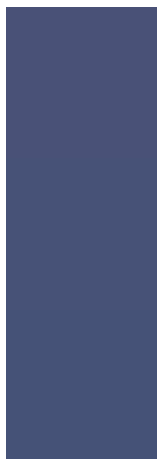


This preview shows how white text looks on a background with the Hex color 495177.

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](#).

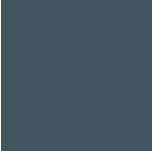
Dichromacy



Original Color
495177

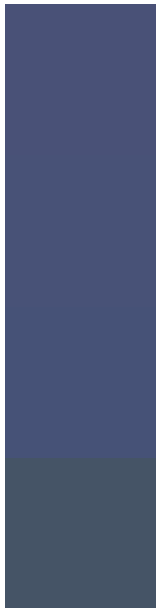
Protanopia
475277

Deuteranopia
455277



Tritanopia
43565D

Trichromacy



Original Color
495177

Protanomaly
485277

Deuteranomaly
465277

Tritanomaly
455466

Monochromacy



Original Color
495177

Achromatopsia
535353

Achromatomaly
4F5260

CSS Examples

Text

The CSS property to change the color of the text to Hex 495177 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 #495177 looks like.

```
.text, #text, p{  
  color:#495177  
}
```

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 #495177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #495177
}
```

Border

The CSS property to change the border of an element to Hex 495177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

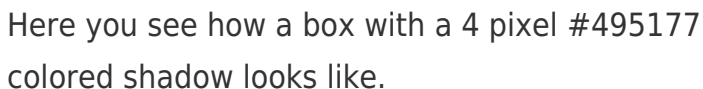
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#495177 }
```

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

```
.border{ border-color:#495177 }
```

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



Here you see how a box with a 4 pixel #495177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #495177; -webkit-box-shadow:4px 4px  
4px 4px #495177; box-shadow:4px 4px 4px  
4px #495177 }
```

Background

The CSS property to change the background color of an element to Hex 495177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#495177 }
```

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

```
.background{ background-color:#495177 }
```

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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