

Converting Colors

Hex(497296)

Have a look what the booklet for
Hex(497296) contains.

Hex(497296)	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(497296)

Conversions

Conversions Part 1

Format	Color
Hex	497296
RGB	73, 114, 150
RGB Percent	29%, 45%, 59%
CMY	0.7137, 0.5529, 0.4118
CMYK	0.51, 0.24, 0.00, 0.41
HSL	208°, 35%, 44%
HSV	208°, 51%, 59%
XYZ	14.2700, 15.6531, 31.1234
YIQ	105.8450, -35.9920, 2.5040

Conversions

Conversions Part 2

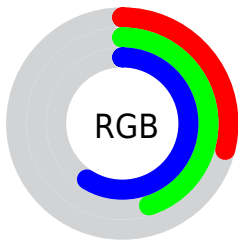
Format	Color
RYB	73, 100, 150
Decimal	4813462
CIELab	46.52, -3.72, -23.96
CIElCh	47, 24.247, 261.173
Yxy	15.6531, 0.2338, 0.2564
Android (android.graphics.Color)	4283003542 (0xFF497296)
YUV	105.8450, 21.7684, -28.8051
Hunter-Lab	39.5640, -4.8554, -18.9462

Details

The Hex color **497296** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **966D49**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EA6CC**, and **0E4263** is the 20% darker color. If you saturate the color by 10%, you get **3A6B96**, and if you desaturate by 10%, it is **587996**.

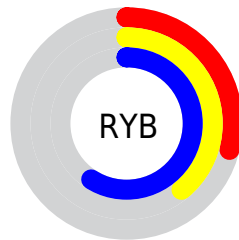
Distribution



Red (29%)

Green (45%)

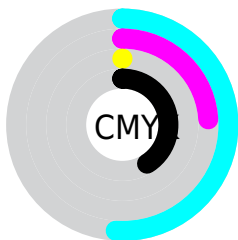
Blue (59%)



Red (29%)

Yellow (39%)

Blue (59%)

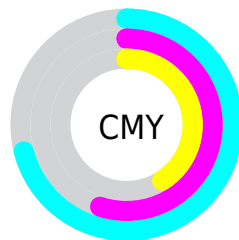


Cyan (51%)

Magenta (24%)

Yellow (0%)

Black (41%)



Cyan (71%)

Magenta (55%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 497296 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 497296 by changing the saturation by 10% instead.

■ 497296

■ 497296

FFFFFF

■ 2E5A7C

■ 7EA6CC

■ 0E4263

■ 99C1E9

■ 002C4B

■ B5DDFF

■ 001834

■ D2F9FF

■ 00021F

■ EEEFFF

■ 000002

■ 000000

■ 497296

■ 497296

■ 3A6B96

■ 587996

■ 2B6496

■ 678096

■ 1C5D96

■ 768796

■ 0D5696

■ 858E96

■ 005096

■ 949596

■ A39C96

■ B2A396

■ C1AA96

■ D0B196

Harmonies

Analogous

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



2D778D



497296



686B94

Triad

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



497296



975F61



567654

Complementary

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



497296



966D49

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.



6D7148



497296



90644F

Square

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



497296



925F75



826B46



3E7967

Rectangle

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



497296



7B668D



826B46



5E754F

Sweetspot

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



497296



A5B4C2



49966D



4F5961



E0E0E0



616161

Same Dimension

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



497296



4A8AC2



494C96



43464A



00498A



00050A

Inverse Universe

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



964972



C24A8A



969349



4A4346



8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 497296 looks on a white background.

Color Contrast Check

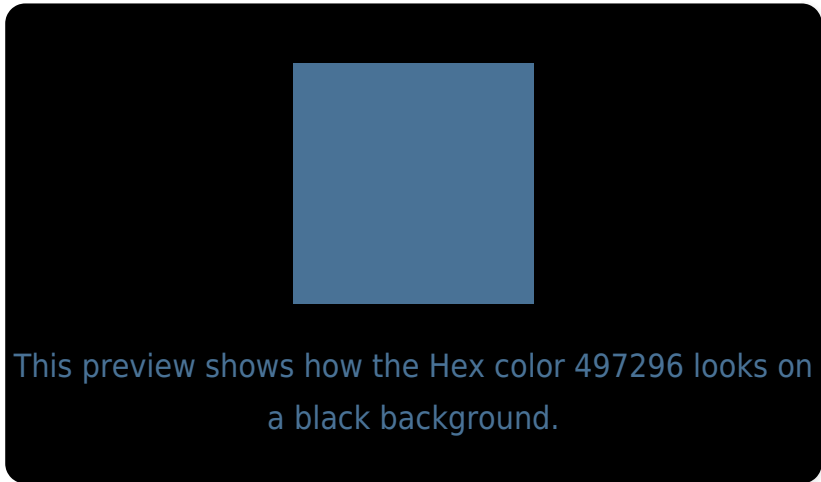
Large Text (above 18pt) WCAG AA ✓ Pass

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

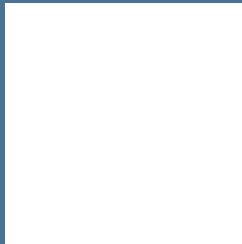
Any Text WCAG AAA × Fail

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

Hex 497296 Background



This preview shows how black text looks on a background with the Hex color 497296.



This preview shows how white text looks on a background with the Hex color 497296.

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





Tritanopia
417680

Trichromacy



Original Color
497296

Protanomaly
5A6E93

Deuteranomaly
586E97

Tritanomaly
447588

Monochromacy



Original Color
497296

Achromatopsia
6A6A6A

Achromatomaly
5E6D7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 497296 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 #497296 looks like.

```
.text, #text, p{  
    color:#497296  
}
```

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 #497296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #497296
}
```

Border

The CSS property to change the border of an element to Hex 497296 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
#497296 }
```

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

```
.border{ border-color:#497296 }
```

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

Here you see how a box with a 4 pixel #497296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #497296; -webkit-box-shadow:4px 4px  
4px 4px #497296; box-shadow:4px 4px 4px  
4px #497296 }
```

Background

The CSS property to change the background color of an element to Hex 497296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#497296 }
```

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

```
.background{ background-color:#497296 }
```

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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