

Converting Colors

Hex(490C6B)

Have a look what the booklet for
Hex(490C6B) contains.

| | |
|--|----|
| Hex(490C6B) | 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(490C6B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 490C6B |
| RGB | 73, 12, 107 |
| RGB Percent | 29%, 5%, 42% |
| CMY | 0.7137, 0.9529, 0.5804 |
| CMYK | 0.32, 0.89, 0.00, 0.58 |
| HSL | 279°, 80%, 23% |
| HSV | 279°, 89%, 42% |
| XYZ | 5.5330, 2.7409, 14.1474 |
| YIQ | 41.0690, 5.8610, 42.4770 |

Conversions

Conversions Part 2

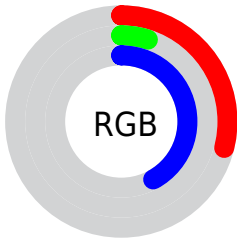
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 73, 12, 107 |
| Decimal | 4787307 |
| CIE _{Lab} | 18.98, 43.03, -41.00 |
| CIE _{LCh} | 19, 59.430, 316.384 |
| Yxy | 2.7409, 0.2468, 0.1222 |
| Android (android.graphics.Color) | 4282977387 (0xFF490C6B) |
| YUV | 41.0690, 32.5040, 28.0035 |
| Hunter-Lab | 16.5558, 30.6822, -39.0757 |

Details

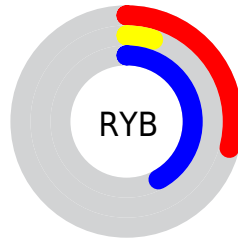
The Hex color **490C6B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E6B0C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7E419F**, and **1A003B** is the 20% darker color. If you saturate the color by 10%, you get **45016B**, and if you desaturate by 10%, it is **4D176B**.

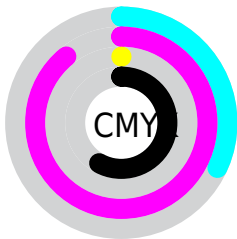
Distribution



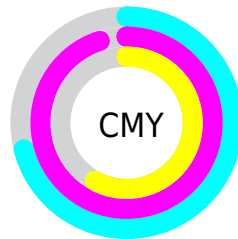
- Red (29%)
- Green (5%)
- Blue (42%)



- Red (29%)
- Yellow (5%)
- Blue (42%)



- Cyan (32%)
- Magenta (89%)
- Yellow (0%)
- Black (58%)



- Cyan (71%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 490C6B 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 490C6B by changing the saturation by 10% instead.



490C6B



490C6B

FFFEFF



2F0052



7E419F



1A003B



995ABA



000224



B573D6



00000B



D18EF3



000000



EEA9FF



FFC5FF



FFE1FF



490C6B



490C6B

■ 45016B

■ 4D176B

■ 45006B

■ 51216B

■ 542C6B

■ 58376B

■ 5C426B

■ 604C6B

■ 64576B

■ 68626B

■ 6B6C6B

Harmonies

Analogous

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



002D83



490C6B



6D0044

Triad

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



490C6B



4A2500



003E46

Complementary

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



490C6B



2E6B0C

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.



003D18



490C6B



233300

Square

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



490C6B



660000



003A00



003E6D

Rectangle

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



490C6B



740027



003A00



003E37

Sweetspot

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



490C6B



7F668C



0C2F6B



3F3147



C7C7C7



474747

Same Dimension

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



490C6B



5A008C



6B0C5E



343036



4B0075



9D00F5

Inverse Universe

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



6B0C2E



8C0032



0C6B19



363032



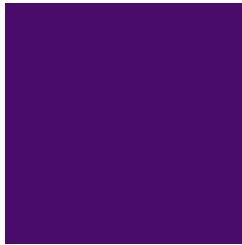
75002A



F50058

Previews

White Background



This preview shows how the Hex color 490C6B looks on a white background.

Color Contrast Check

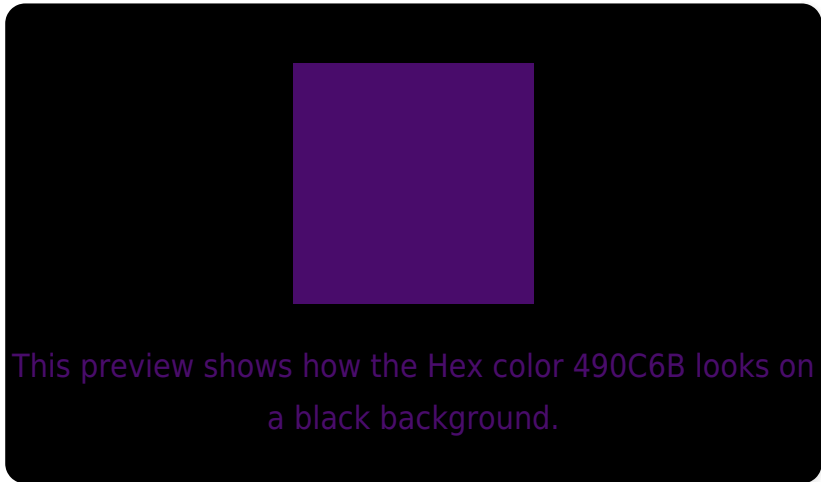
Large Text (above 18pt) WCAG AA ✓ Pass

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

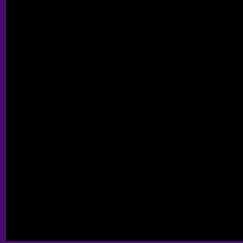
Any Text WCAG AA × Fail

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 490C6B Background



This preview shows how black text looks on a background with the Hex color 490C6B.



This preview shows how white text looks on a background with the Hex color 490C6B.

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](#).

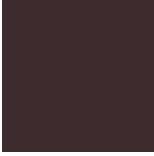
Dichromacy



Original Color
490C6B

Protanopia
002F62

Deuteranopia
003255



Tritanopia
3E2B2E

Trichromacy



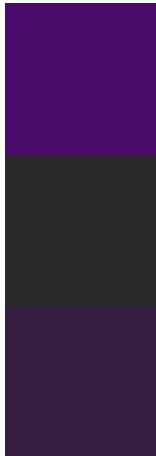
Original Color
490C6B

Protanomaly
1B2265

Deuteranomaly
1B245D

Tritanomaly
422044

Monochromacy



Original Color
490C6B

Achromatopsia
292929

Achromatomaly
351E41

CSS Examples

Text

The CSS property to change the color of the text to Hex 490C6B 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 #490C6B looks like.

```
.text, #text, p{  
    color:#490C6B  
}
```

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 #490C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490C6B
}
```

Border

The CSS property to change the border of an element to Hex 490C6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

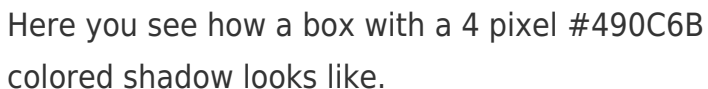
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#490C6B }
```

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

```
.border{ border-color:#490C6B }
```

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



Here you see how a box with a 4 pixel #490C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490C6B; -webkit-box-shadow:4px 4px  
4px 4px #490C6B; box-shadow:4px 4px 4px  
4px #490C6B }
```

Background

The CSS property to change the background color of an element to Hex 490C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490C6B }
```

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

```
.background{ background-color:#490C6B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor