

Converting Colors

Hex(C4627E)

Have a look what the booklet for
Hex(C4627E) contains.

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Color

Hex(C4627E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C4627E |
| RGB | 196, 98, 126 |
| RGB Percent | 77%, 38%, 49% |
| CMY | 0.2314, 0.6157, 0.5059 |
| CMYK | 0.00, 0.50, 0.36, 0.23 |
| HSL | 343°, 45%, 58% |
| HSV | 343°, 50%, 77% |
| XYZ | 30.8985, 21.9775, 22.3522 |
| YIQ | 130.4940, 49.4200, 29.4840 |

Conversions

Conversions Part 2

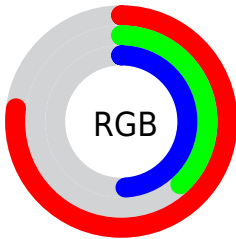
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 98, 126 |
| Decimal | 12870270 |
| CIE _{Lab} | 54.00, 42.06, 2.71 |
| CIE _{LCh} | 54, 42.148, 3.690 |
| Yxy | 21.9775, 0.4107, 0.2921 |
| Android (android.graphics.Color) | 4291060350 (0xFFC4627E) |
| YUV | 130.4940, -2.2155, 57.4488 |
| Hunter-Lab | 46.8802, 35.6084, 4.5469 |

Details

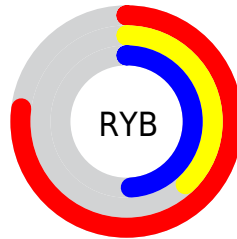
The Hex color **C4627E** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **62C4A8**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF97B3**, and **8B2E4D** is the 20% darker color. If you saturate the color by 10%, you get **C44E70**, and if you desaturate by 10%, it is **C4768C**.

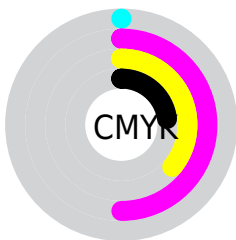
Distribution



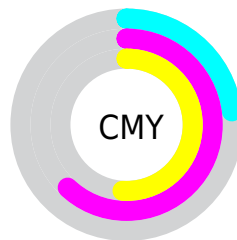
- Red (77%)
- Green (38%)
- Blue (49%)



- Red (77%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (23%)



- Cyan (23%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4627E 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 C4627E by changing the saturation by 10% instead.

 C4627E

 C4627E

FFFFFF

 A74865

 FF97B3

 8B2E4D

 FFB3CE

 6F1237

 FFCFEA

 540021

 FFECCF

 3B000A

 1E0001

 000000

 C4627E

 C4627E

 C44E70

 C4768C

 C43B62

 C4899A

 C42754

 C49DA8

 C41446

 C4B0B6

 C40038

 C4C4C4

 C4D8D2

 C4EBE0

 C4FFEE

 C4FFFC

Harmonies

Analogous

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



B268A2



C4627E



C2675B

Triad

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



C4627E



6C8B42



008DC2

Complementary

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



C4627E



62C4A8

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.



0092A8



C4627E



3B915F

Square

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



C4627E



928136



009385



4883CA

Rectangle

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



C4627E



B86F47



009385



0090BB

Sweetspot

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



C4627E



FFD9E4



A762C4



80696F



000000



808080

Same Dimension

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



C4627E



FF6692



C47662



61575A



A1002E



210009

Inverse Universe

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



C4627E



FF6692



62B0C4



61575A



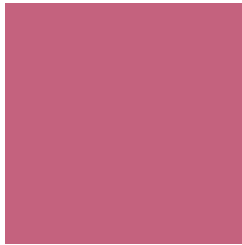
A1002E



210009

Previews

White Background



This preview shows how the Hex color C4627E looks on a white background.

Color Contrast Check

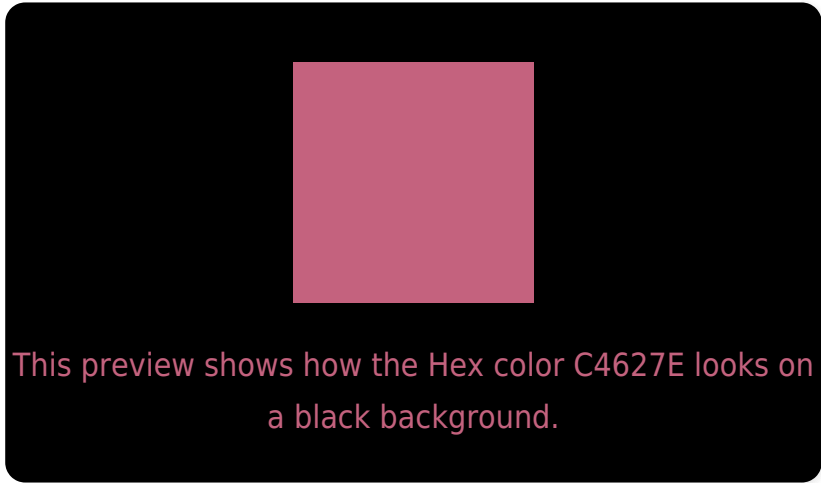
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

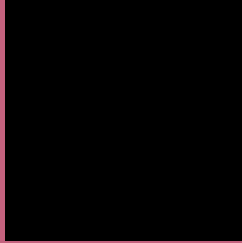
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex C4627E Background



This preview shows how black text looks on a background with the Hex color C4627E.



This preview shows how white text looks on a background with the Hex color C4627E.

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
C4627E

Protanopia
808190

Deuteranopia
917D7A



Tritanopia
C3656C

Trichromacy



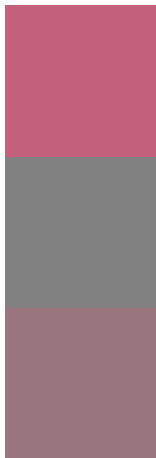
Original Color
C4627E

Protanomaly
997689

Deuteranomaly
A4737B

Tritanomaly
C36473

Monochromacy



Original Color
C4627E

Achromatopsia
828282

Achromatomaly
9A7681

CSS Examples

Text

The CSS property to change the color of the text to Hex C4627E 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 #C4627E looks like.

```
.text, #text, p{  
    color:#C4627E  
}
```

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 #C4627E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4627E
}
```

Border

The CSS property to change the border of an element to Hex C4627E is called "border". The border property can be set on classes, ids or directly on the HTML element.

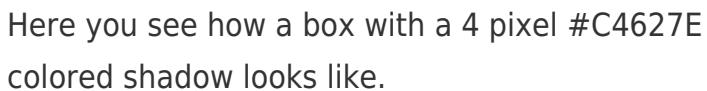
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4627E }
```

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

```
.border{ border-color:#C4627E }
```

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



Here you see how a box with a 4 pixel #C4627E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4627E; -webkit-box-shadow:4px 4px  
4px 4px #C4627E; box-shadow:4px 4px 4px  
4px #C4627E }
```

Background

The CSS property to change the background color of an element to Hex C4627E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4627E }
```

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

```
.background{ background-color:#C4627E }
```

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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