

Converting Colors

Hex(4C226E)

Have a look what the booklet for
Hex(4C226E) contains.

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Color

Hex(4C226E)

Conversions

Conversions Part 1

Format	Color
Hex	4C226E
RGB	76, 34, 110
RGB Percent	30%, 13%, 43%
CMY	0.7020, 0.8667, 0.5686
CMYK	0.31, 0.69, 0.00, 0.57
HSL	273°, 53%, 28%
HSV	273°, 69%, 43%
XYZ	6.3670, 3.8063, 15.1510
YIQ	55.2220, 0.6360, 32.5400

Conversions

Conversions Part 2

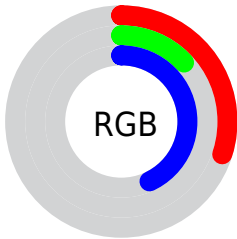
Format	Color
R_{YB}	76, 34, 110
Decimal	4989550
CIE _{Lab}	23.02, 34.87, -36.36
CIE _{LCh}	23, 50.382, 313.802
Yxy	3.8063, 0.2514, 0.1503
Android (android.graphics.Color)	4283179630 (0xFF4C226E)
YUV	55.2220, 27.0056, 18.2223
Hunter-Lab	19.5099, 24.1108, -32.3866

Details

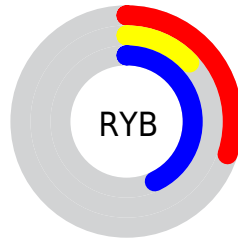
The Hex color **4C226E** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **446E22**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8052A2**, and **1C003E** is the 20% darker color. If you saturate the color by 10%, you get **47176E**, and if you desaturate by 10%, it is **512D6E**.

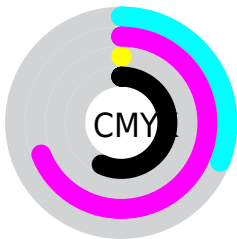
Distribution



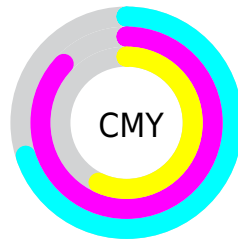
- Red (30%)
- Green (13%)
- Blue (43%)



- Red (30%)
- Yellow (13%)
- Blue (43%)



- Cyan (31%)
- Magenta (69%)
- Yellow (0%)
- Black (57%)



- Cyan (70%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C226E 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 4C226E by changing the saturation by 10% instead.

■ 4C226E

■ 4C226E

FFFFFF

■ 330955

■ 8052A2

■ 1C003E

■ 9B6BBE

■ 000027

■ B684DA

■ 000110

■ D39FF6

■ 000000

■ EFBAFF

■ FFD6FF

■ FFF3FF

■ 4C226E

■ 4C226E

■ 47176E

■ 512D6E

■ 420C6E

■ 56386E

■ 3D016E

■ 5B436E

■ 3D006E

■ 604E6E

■ 65596E

■ 6A646E

■ 6E6F6E

■ 737A6E

■ 78856E

Harmonies

Analogous

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



003681



4C226E



6E004D

Triad

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



4C226E



552E00



004648

Complementary

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



4C226E



446E22

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.



004520



4C226E



353B00

Square

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



4C226E



6C1700



004200



00466B

Rectangle

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



4C226E



760034



004200



00463B

Sweetspot

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



4C226E



81718F



22446E



3F3647



C7C7C7



474747

Same Dimension

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



4C226E



5A188F



6E226A



363238



420078



8900F7

Inverse Universe

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



6E2244



8F184D



226E26



383235



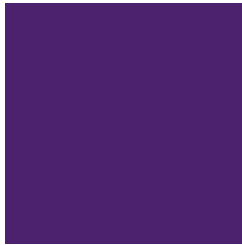
780036



F7006F

Previews

White Background



This preview shows how the Hex color 4C226E looks on a white background.

Color Contrast Check

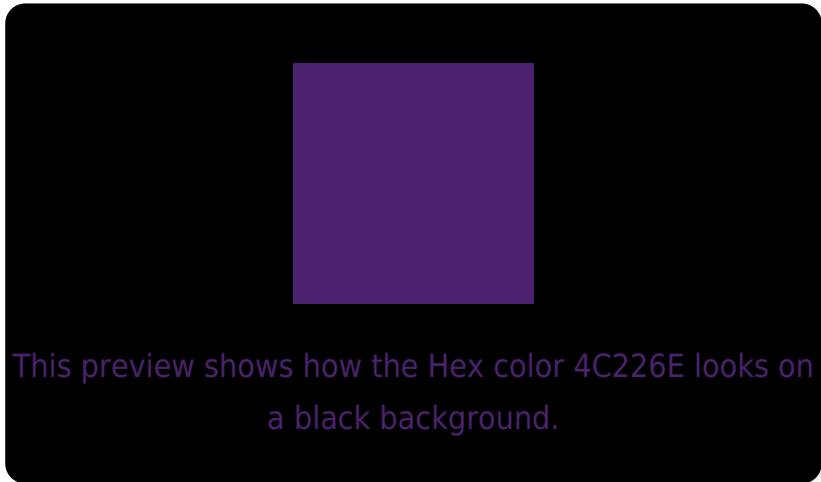
Large Text (above 18pt) WCAG AA ✓ Pass

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

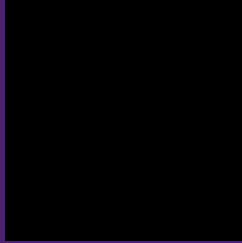
Any Text WCAG AA × Fail

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 4C226E Background



This preview shows how black text looks on a background with the Hex color 4C226E.



This preview shows how white text looks on a background with the Hex color 4C226E.

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](#).

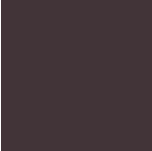
Dichromacy



Original Color
4C226E

Protanopia
003672

Deuteranopia
003964



Tritanopia
423438

Trichromacy



Original Color
4C226E

Protanomaly
1C2F71

Deuteranomaly
1C3168

Tritanomaly
462D4C

Monochromacy



Original Color
4C226E

Achromatopsia
373737

Achromatomaly
3F2F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C226E 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 #4C226E looks like.

```
.text, #text, p{  
    color:#4C226E  
}
```

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 #4C226E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C226E
}
```

Border

The CSS property to change the border of an element to Hex 4C226E is called "border". The border property can be set on classes, ids or directly on the HTML element.

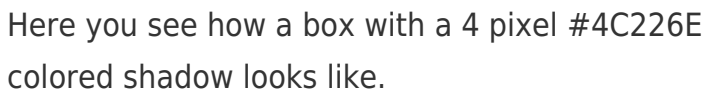
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C226E }
```

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

```
.border{ border-color:#4C226E }
```

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



Here you see how a box with a 4 pixel #4C226E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C226E; -webkit-box-shadow:4px 4px  
4px 4px #4C226E; box-shadow:4px 4px 4px  
4px #4C226E }
```

Background

The CSS property to change the background color of an element to Hex 4C226E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C226E }
```

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

```
.background{ background-color:#4C226E }
```

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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