

Converting Colors

Hex(78226C)

Have a look what the booklet for
Hex(78226C) contains.

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Color

Hex(78226C)

Conversions

Conversions Part 1

Format	Color
Hex	78226C
RGB	120, 34, 108
RGB Percent	47%, 13%, 42%
CMY	0.5294, 0.8667, 0.5765
CMYK	0.00, 0.72, 0.10, 0.53
HSL	308°, 56%, 30%
HSV	308°, 72%, 47%
XYZ	11.0245, 6.2198, 14.8068
YIQ	68.1500, 27.5020, 41.2460

Conversions

Conversions Part 2

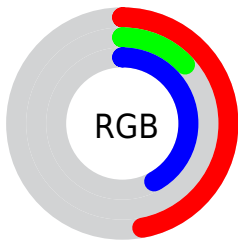
Format	Color
R_{YB}	120, 34, 108
Decimal	7873132
CIE _{Lab}	29.96, 45.74, -23.61
CIE _{LCh}	30, 51.470, 332.701
Yxy	6.2198, 0.3440, 0.1941
Android (android.graphics.Color)	4286063212 (0xFF78226C)
YUV	68.1500, 19.6461, 45.4725
Hunter-Lab	24.9396, 35.2615, -17.7433

Details

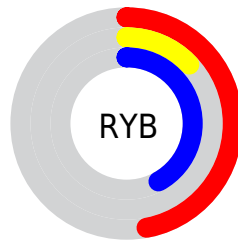
The Hex color **78226C** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **22782E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **AF57A0**, and **44003C** is the 20% darker color. If you saturate the color by 10%, you get **78166A**, and if you desaturate by 10%, it is **782E6E**.

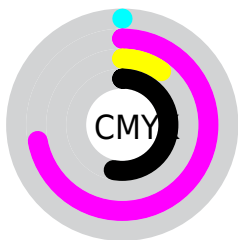
Distribution



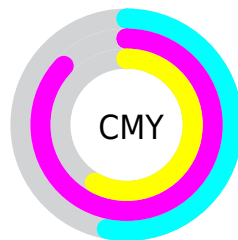
- Red (47%)
- Green (13%)
- Blue (42%)



- Red (47%)
- Yellow (13%)
- Blue (42%)



- Cyan (0%)
- Magenta (72%)
- Yellow (10%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78226C 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 78226C by changing the saturation by 10% instead.

 78226C

 78226C

FFFFFF

 5E0054

 AF57A0

 44003C

 CB71BB

 2F0027

 E88CD7

 00000F

 FFA7F3

 000000

 FFC3FF

 FFDFFF

 FFFCFF

 78226C

 78226C

■ 78166A

■ 782E6E

■ 780A69

■ 783A6F

■ 780067

■ 784671

■ 785273

■ 785E74

■ 786A76

■ 787678

■ 788279

■ 788E7B

Harmonies

Analogous

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



473A8B



78226C



8B0F45

Triad

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



78226C



544600



005771

Complementary

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



78226C



22782E

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.



005849



78226C



2A5000

Square

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



78226C



733600



00551F



00548E

Rectangle

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



78226C



8A172B



00551F



005865

Sweetspot

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



78226C



9C7997



2D2278



4F3A4C



CFCFCF



4F4F4F

Same Dimension

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



78226C



9C1689



782242



3D373C



7D006C



FC00D9

Inverse Universe

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



78226C



9C1689



227858



3D373C



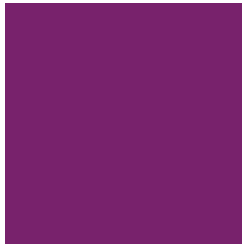
7D006C



FC00D9

Previews

White Background



This preview shows how the Hex color 78226C looks on a white background.

Color Contrast Check

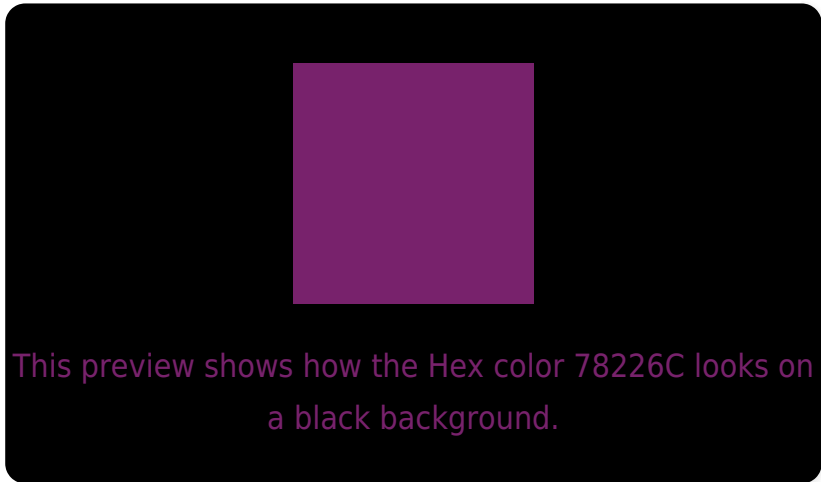
Large Text (above 18pt) WCAG AA ✓ Pass

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

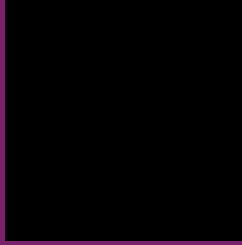
Any Text WCAG AA × Fail

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 78226C Background



This preview shows how black text looks on a background with the Hex color 78226C.




This preview shows how white text looks on a background with the Hex color 78226C.

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
733337

Trichromacy



Original Color
78226C

Protanomaly
3F3980

Deuteranomaly
523A69

Tritanomaly
752D4A

Monochromacy



Original Color
78226C

Achromatopsia
444444

Achromatomaly
573853

CSS Examples

Text

The CSS property to change the color of the text to Hex 78226C 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 #78226C looks like.

```
.text, #text, p{  
    color:#78226C  
}
```

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 #78226C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78226C
}
```

Border

The CSS property to change the border of an element to Hex 78226C is called "border". The border property can be set on classes, ids or directly on the HTML element.

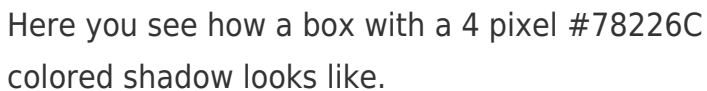
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#78226C }
```

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

```
.border{ border-color:#78226C }
```

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



Here you see how a box with a 4 pixel #78226C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78226C; -webkit-box-shadow:4px 4px  
4px 4px #78226C; box-shadow:4px 4px 4px  
4px #78226C }
```

Background

The CSS property to change the background color of an element to Hex 78226C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78226C }
```

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

```
.background{ background-color:#78226C }
```

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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