

Converting Colors

Hex(224A7C)

Have a look what the booklet for
Hex(224A7C) contains.

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Color

Hex(224A7C)

Conversions

Conversions Part 1

Format	Color
Hex	224A7C
RGB	34, 74, 124
RGB Percent	13%, 29%, 49%
CMY	0.8667, 0.7098, 0.5137
CMYK	0.73, 0.40, 0.00, 0.51
HSL	213°, 57%, 31%
HSV	213°, 73%, 49%
XYZ	6.7466, 6.6929, 20.0051
YIQ	67.7400, -39.8900, 7.0700

Conversions

Conversions Part 2

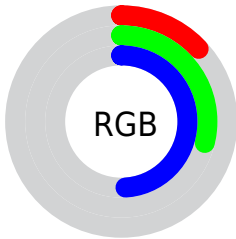
Format	Color
R _Y B	34, 62, 124
Decimal	2247292
CIE Lab	31.10, 4.02, -32.50
CIE LCh	31, 32.744, 277.047
Yxy	6.6929, 0.2017, 0.2001
Android (android.graphics.Color)	4280437372 (0xFF224A7C)
YUV	67.7400, 27.7362, -29.5900
Hunter-Lab	25.8706, 1.2759, -27.7380

Details

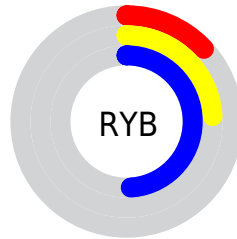
The Hex color **224A7C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7C5422**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5A7AB1**, and **001F4B** is the 20% darker color. If you saturate the color by 10%, you get **16437C**, and if you desaturate by 10%, it is **2E517C**.

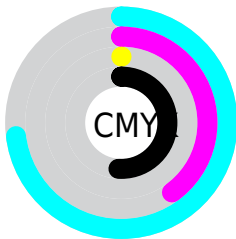
Distribution



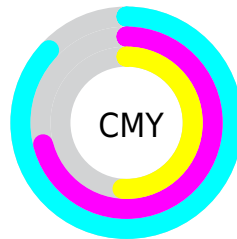
- Red (13%)
- Green (29%)
- Blue (49%)



- Red (13%)
- Yellow (24%)
- Blue (49%)



- Cyan (73%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224A7C 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 224A7C by changing the saturation by 10% instead.

■ 224A7C

■ 224A7C

FFFFFF

■ 003463

■ 5A7AB1

■ 001F4B

■ 7594CD

■ 000534

■ 91AEE9

■ 00021E

■ ADCAFF

■ 000000

■ C9E6FF

■ E6FFFF

■ 224A7C

■ 224A7C

■ 16437C

■ 2E517C

■ 093C7C

■ 3B587C

■ 00377C

■ 475F7C

■ 54667C

■ 606C7C

■ 6C737C

■ 797A7C

■ 85817C

■ 92887C

Harmonies

Analogous

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



005178



224A7C



534072

Triad

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



224A7C



75372C



095434

Complementary

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



224A7C



7C5422

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.



36501E



224A7C



674119

Square

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



224A7C



783244



524A13



00564F

Rectangle

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



224A7C



663965



524A13



1E532C

Sweetspot

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



224A7C



7D8DA1



227C53



3C4652



D1D1D1



525252

Same Dimension

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



224A7C



1553A1



27227C



373A3D



00387D



0070FC

Inverse Universe

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



7C224A



A11553



787C22



3D373A



7D0038



FC0070

Previews

White Background



This preview shows how the Hex color 224A7C looks on a white background.

Color Contrast Check

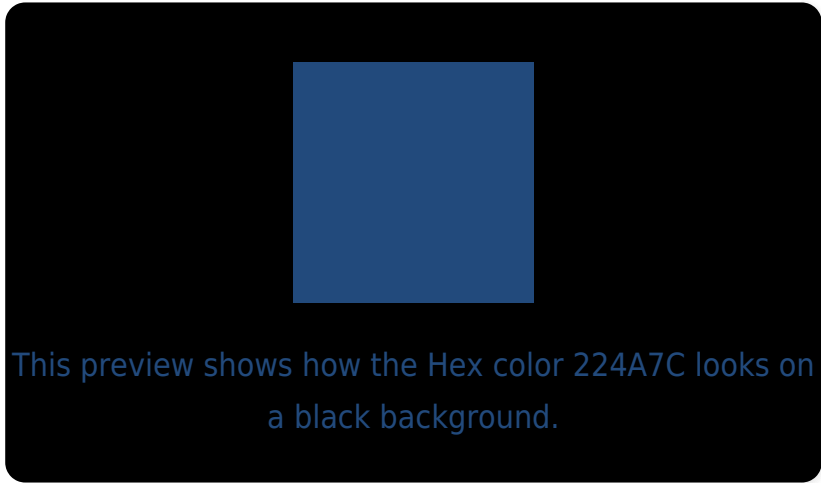
Large Text (above 18pt) WCAG AA ✓ Pass

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 224A7C Background



This preview shows how black text looks on a background with the Hex color 224A7C.

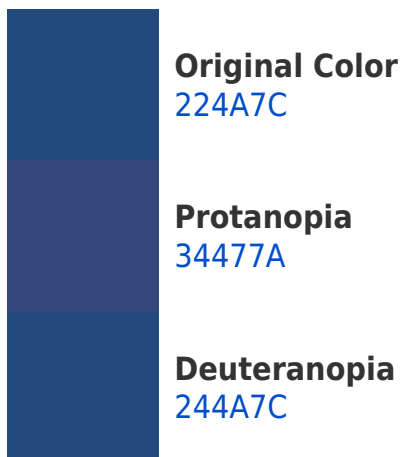


This preview shows how white text looks on a background with the Hex color 224A7C.

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



Trichromacy



Original Color
224A7C

Protanomaly
2D487B

Deuteranomaly
234A7C

Tritanomaly
0C4E64

Monochromacy



Original Color
224A7C

Achromatopsia
444444

Achromatomaly
384658

CSS Examples

Text

The CSS property to change the color of the text to Hex 224A7C 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 #224A7C looks like.

```
.text, #text, p{  
    color:#224A7C  
}
```

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 #224A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224A7C
}
```

Border

The CSS property to change the border of an element to Hex 224A7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

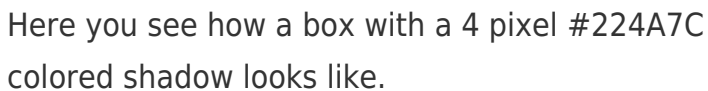
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#224A7C }
```

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

```
.border{ border-color:#224A7C }
```

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



Here you see how a box with a 4 pixel #224A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224A7C; -webkit-box-shadow:4px 4px  
4px 4px #224A7C; box-shadow:4px 4px 4px  
4px #224A7C }
```

Background

The CSS property to change the background color of an element to Hex 224A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224A7C }
```

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

```
.background{ background-color:#224A7C }
```

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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