

Converting Colors

Hex(22074C)

Have a look what the booklet for
Hex(22074C) contains.

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Color

Hex(22074C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 22074C |
| RGB | 34, 7, 76 |
| RGB Percent | 13%, 3%, 30% |
| CMY | 0.8667, 0.9725, 0.7020 |
| CMYK | 0.55, 0.91, 0.00, 0.70 |
| HSL | 263°, 83%, 16% |
| HSV | 263°, 91%, 30% |
| XYZ | 2.0402, 1.0138, 6.9256 |
| YIQ | 22.9390, -6.0570, 27.1830 |

Conversions

Conversions Part 2

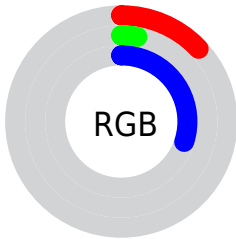
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 34, 7, 76 |
| Decimal | 2230092 |
| CIE Lab | 9.11, 30.74, -36.55 |
| CIE LCh | 9, 47.758, 310.066 |
| Yxy | 1.0138, 0.2044, 0.1016 |
| Android (android.graphics.Color) | 4280420172 (0xFF22074C) |
| YUV | 22.9390, 26.1591, 9.7005 |
| Hunter-Lab | 10.0690, 18.5469, -33.7326 |




Details

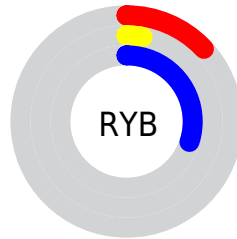
The Hex color **22074C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **314C07**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **54347E**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **1E004C**, and if you desaturate by 10%, it is **270F4C**.

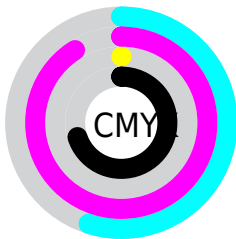
Distribution







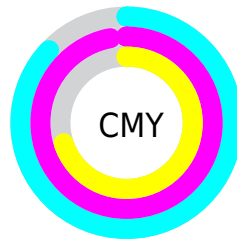
-  Red (13%)
-  Green (3%)
-  Blue (30%)






-  Red (13%)
-  Yellow (3%)
-  Blue (30%)



-  Cyan (55%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (87%)
-  Magenta (97%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 22074C 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 22074C by changing the saturation by 10% instead.

■ 22074C

■ 22074C

■ FFEBFF

■ 0F0035

■ 54347E

■ 00021F

■ 6E4C98

■ 000001

■ 8964B3

■ 000000

■ A47ECF

■ BF98EB

■ DCB3FF

■ F9CEFF

■ 22074C

■ 22074C

■ 1E004C

■ 270F4C

■ 2B164C

■ 301E4C

■ 35254C

■ 392D4C

■ 3E354C

■ 423C4C

■ 47444C

■ 4C4B4C

Harmonies

Analogous

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



001C5B



22074C



440030

Triad

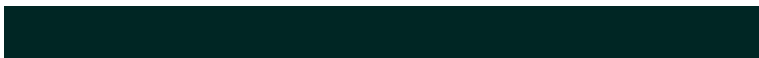
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22074C



320F00



002624

Complementary

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



22074C



314C07

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.



002600



22074C



181C00

Square

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



22074C



450000



002300



002743

Rectangle

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



22074C



4C001B



002300



002619

Sweetspot

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



22074C



534963



07324C



292333



B3B3B3



333333

Same Dimension

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



22074C



270063



44074C



242226



280066



5A00E6

Inverse Universe

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



4C0731



63003D



0F4C07



262225



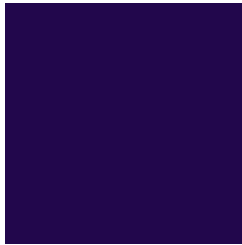
66003E



E6008C

Previews

White Background



This preview shows how the Hex color 22074C looks on a white background.

Color Contrast Check

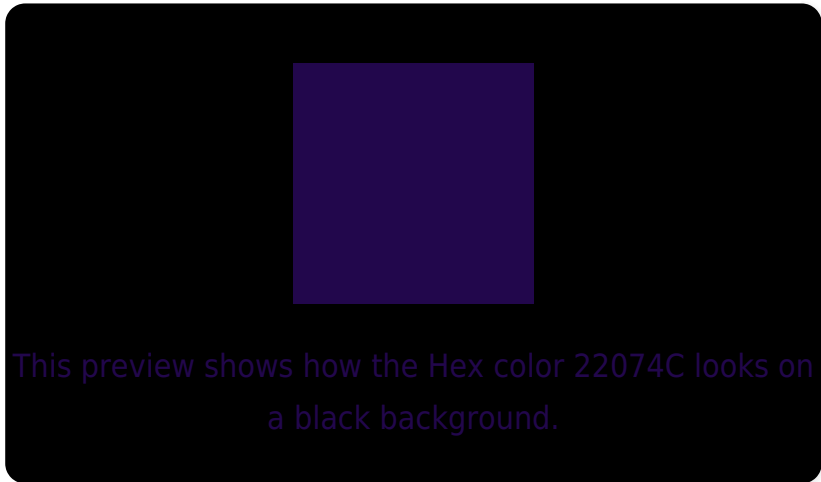
Large Text (above 18pt) WCAG AA ✓ Pass

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

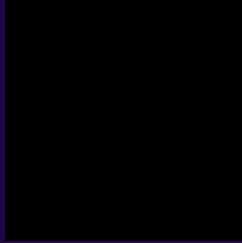
Any Text WCAG AA × Fail

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 22074C Background



This preview shows how black text looks on a background with the Hex color 22074C.



This preview shows how white text looks on a background with the Hex color 22074C.

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
22074C

Protanopia
001B39

Deuteranopia
001D31



Tritanopia
131E20

Trichromacy



Original Color
22074C

Protanomaly
0C1440

Deuteranomaly
0C153B

Tritanomaly
181630

Monochromacy



Original Color
22074C

Achromatopsia
171717

Achromatomaly
1B112A

CSS Examples

Text

The CSS property to change the color of the text to Hex 22074C 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 #22074C looks like.

```
.text, #text, p{  
    color:#22074C  
}
```

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 #22074C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #22074C
}
```

Border

The CSS property to change the border of an element to Hex 22074C is called "border". The border property can be set on classes, ids or directly on the HTML element.

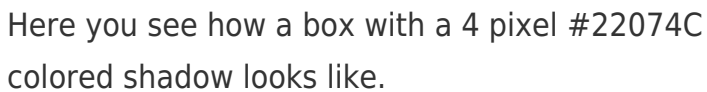
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#22074C }
```

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

```
.border{ border-color:#22074C }
```

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



Here you see how a box with a 4 pixel #22074C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #22074C; -webkit-box-shadow:4px 4px  
4px 4px #22074C; box-shadow:4px 4px 4px  
4px #22074C }
```

Background

The CSS property to change the background color of an element to Hex 22074C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#22074C }
```

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

```
.background{ background-color:#22074C }
```

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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