

Converting Colors

Hex(2224AC)

Have a look what the booklet for
Hex(2224AC) contains.

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Color

Hex(2224AC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2224AC |
| RGB | 34, 36, 172 |
| RGB Percent | 13%, 14%, 67% |
| CMY | 0.8667, 0.8588, 0.3255 |
| CMYK | 0.80, 0.79, 0.00, 0.33 |
| HSL | 239°, 67%, 40% |
| HSV | 239°, 80%, 67% |
| XYZ | 8.7370, 4.5804, 39.4533 |
| YIQ | 50.9060, -44.8480, 41.8720 |

Conversions

Conversions Part 2

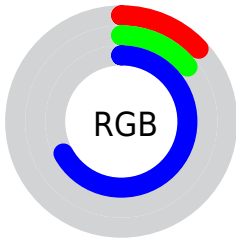
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 34, 36, 172 |
| Decimal | 2237612 |
| CIE Lab | 25.50, 46.76, -71.03 |
| CIE LCh | 26, 85.034, 303.358 |
| Yxy | 4.5804, 0.1656, 0.0868 |
| Android (android.graphics.Color) | 4280427692 (0xFF2224AC) |
| YUV | 50.9060, 59.6993, -14.8266 |
| Hunter-Lab | 21.4018, 35.4165, -94.3171 |

Details

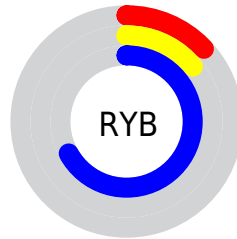
The Hex color **2224AC** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **ACAA22**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6953E5**, and **000076** is the 20% darker color. If you saturate the color by 10%, you get **1113AC**, and if you desaturate by 10%, it is **3335AC**.

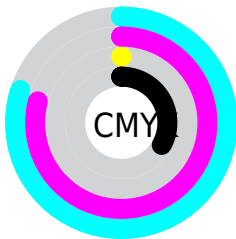
Distribution



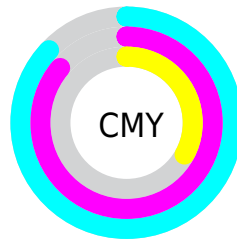
- Red (13%)
- Green (14%)
- Blue (67%)



- Red (13%)
- Yellow (14%)
- Blue (67%)



- Cyan (80%)
- Magenta (79%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (86%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2224AC 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 2224AC by changing the saturation by 10% instead.

■ 2224AC

■ 2224AC

FFFFFF

■ 000D91

■ 6953E5

■ 000076

■ 876CFF

■ 00005D

■ A586FF

■ 000744

■ C3A1FF

■ 00032D

■ E2BCFF

■ 000117

■ FFD8FF

■ 000000

■ FFF5FF

■ 2224AC

■ 2224AC

■ 1113AC

■ 3335AC

■ 0002AC

■ 4446AC

■ 5657AC

■ 6768AC

■ 7879AC

■ 898AAC

■ 9A9BAC

■ ACACAC

■ BDBDAC

Harmonies

Analogous

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



0046C3



2224AC



880078

Triad

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



2224AC



761A00



005143

Complementary

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



2224AC



ACAA22

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.



004F00



2224AC



453D00

Square

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



2224AC



980000



004A00



005384

Rectangle

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



2224AC



9E004E



004A00



00502C

Sweetspot

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



2224AC



ABABE0



22ACAA



505070



F0F0F0



707070

Same Dimension

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



2224AC



090CE0



6522AC



4E4E57



000296



000017

Inverse Universe

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



AC2224



E0090C



69AC22



574E4E



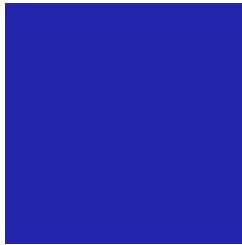
960002



170000

Previews

White Background



This preview shows how the Hex color 2224AC looks on a white background.

Color Contrast Check

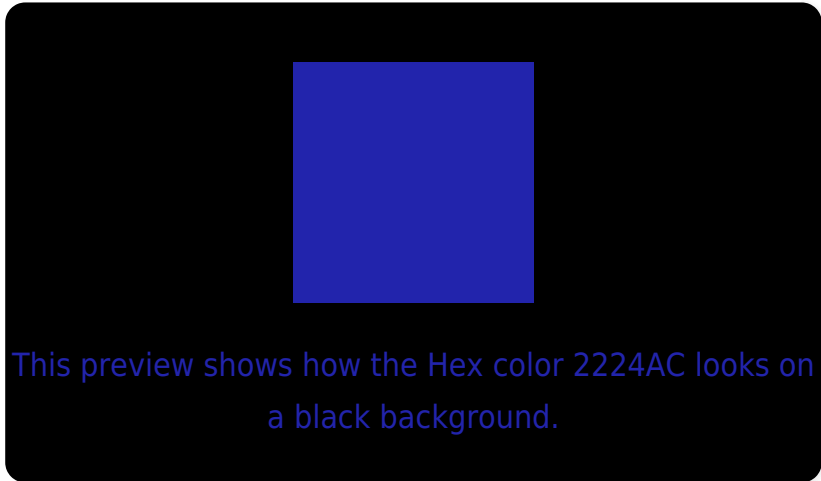
Large Text (above 18pt) WCAG AA ✓ Pass

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

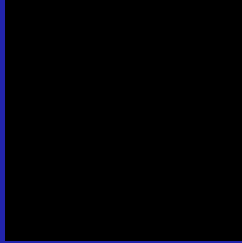
Any Text WCAG AA × Fail

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 2224AC Background



This preview shows how black text looks on a background with the Hex color 2224AC.



This preview shows how white text looks on a background with the Hex color 2224AC.

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
2224AC

Protanopia
003B7B

Deuteranopia
003F69

Trichromacy



Original Color
2224AC

Protanomaly
0C338D

Deuteranomaly
0C3581

Tritanomaly
0C386C

Monochromacy



Original Color
2224AC

Achromatopsia
333333

Achromatomaly
2D2E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2224AC 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 #2224AC looks like.

```
.text, #text, p{  
    color:#2224AC  
}
```

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 #2224AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2224AC
}
```

Border

The CSS property to change the border of an element to Hex 2224AC 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
#2224AC }
```

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

```
.border{ border-color:#2224AC }
```

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

Here you see how a box with a 4 pixel #2224AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2224AC; -webkit-box-shadow:4px 4px  
4px 4px #2224AC; box-shadow:4px 4px 4px  
4px #2224AC }
```

Background

The CSS property to change the background color of an element to Hex 2224AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2224AC }
```

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

```
.background{ background-color:#2224AC }
```

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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