

# Converting Colors

Hex(C22681)

Have a look what the booklet for  
Hex(C22681) contains.

|  |    |
|--|----|
| <b>Hex(C22681)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(C22681)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C22681                    |
| RGB           | 194, 38, 129              |
| RGB Percent   | 76%, 15%, 51%             |
| CMY           | 0.2392, 0.8510, 0.4941    |
| CMYK          | 0.00, 0.80, 0.34, 0.24    |
| HSL           | 325°, 67%, 45%            |
| HSV           | 325°, 80%, 76%            |
| XYZ           | 26.9037, 14.4405, 22.1382 |
| YIQ           | 95.0180, 63.7650, 61.3730 |

# Conversions

## Conversions Part 2

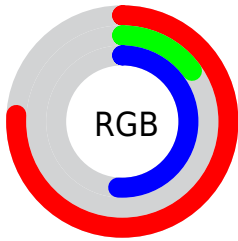
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 194, 38, 129                 |
| Decimal                             | 12723841                     |
| CIE <sub>Lab</sub>                  | 44.86, 65.97, -12.68         |
| CIE <sub>LCh</sub>                  | 45, 67.180, 349.123          |
| Yxy                                 | 14.4405, 0.4238,<br>0.2275   |
| Android<br>(android.graphics.Color) | 4290913921<br>(0xFFC22681)   |
| YUV                                 | 95.0180, 16.7531,<br>86.8072 |
| Hunter-Lab                          | 38.0007, 59.8730,<br>-7.9403 |

# Details

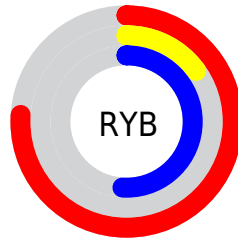
The Hex color **C22681** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **26C267**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FE65B6**, and **870050** is the 20% darker color. If you saturate the color by 10%, you get **C21379**, and if you desaturate by 10%, it is **C23989**.

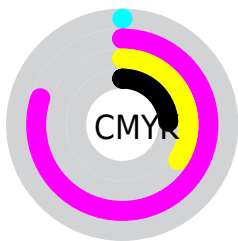
# Distribution



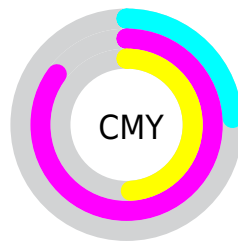
- Red (76%)
- Green (15%)
- Blue (51%)



- Red (76%)
- Yellow (15%)
- Blue (51%)



- Cyan (0%)
- Magenta (80%)
- Yellow (34%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C22681 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 C22681 by changing the saturation by 10% instead.



 C22681

 C22681

FFFFFF

 A40068

 FE65B6

 870050

 FF82D1

 6B0039

 FF9FEE

 4F0023

 FFBCFF

 34000B

 FFD9FF

 020000

 FFF7FF

 000000

 C22681

 C22681

 C21379

 C23989

 C20071

 C24D91

 C26099

 C274A1

 C287A9

 C29AB2

 C2AEBA

 C2C1C2

 C2D5CA

# Harmonies

## Analogous

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



9747B4



C22681



CA2649

# Triad

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



C22681



5F7200



0080BF

# Complementary

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



C22681



26C267

# 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.



00828D



C22681



007C14

# Square

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



C22681



926000



008153



0077D9

# Rectangle

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



C22681



C03B25



008153



0081B0



# Sweetspot

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



C22681



FCC0E3



6726C2



805B70



000000



808080



# Same Dimension

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



C22681



FC0A97



C22633



61575D



A1005E



210013



# Inverse Universe

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



C22681



FC0A97



26C2B5



61575D



A1005E



210013



# Previews

## White Background



This preview shows how the Hex color C22681 looks on a white background.

## Color Contrast Check

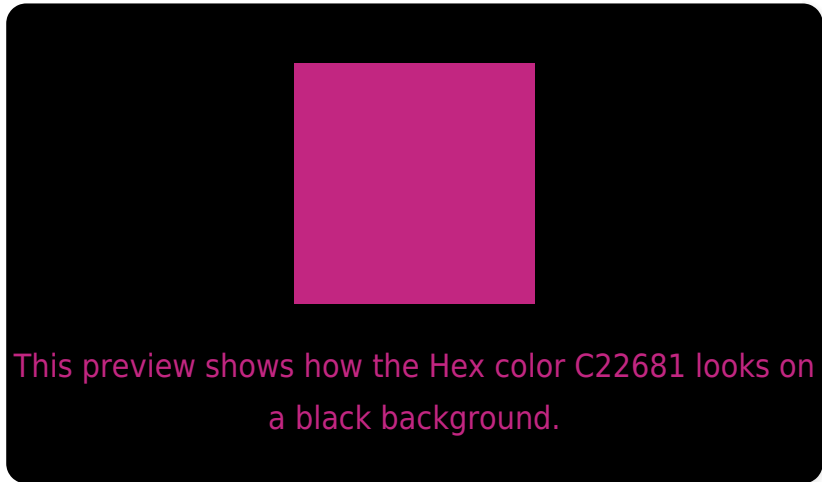
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 C22681 Background



This preview shows how black text looks on a background with the Hex color C22681.

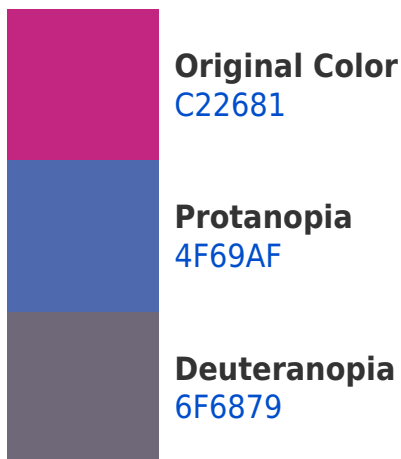


This preview shows how white text looks on a background with the Hex color C22681.

# 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**  
BD3C3F

# Trichromacy



**Original Color**  
C22681



**Protanomaly**  
79519E



**Deuteranomaly**  
8D507C

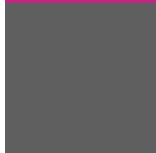


**Tritanomaly**  
BF3457

# Monochromacy



**Original Color**  
C22681



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
834A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C22681 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 #C22681 looks like.

```
.text, #text, p{  
    color:#C22681  
}
```

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 #C22681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22681
}
```

## Border

The CSS property to change the border of an element to Hex C22681 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
#C22681 }
```

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

```
.border{ border-color:#C22681 }
```

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

Here you see how a box with a 4 pixel #C22681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22681; -webkit-box-shadow:4px 4px  
4px 4px #C22681; box-shadow:4px 4px 4px  
4px #C22681 }
```

# Background

The CSS property to change the background color of an element to Hex C22681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22681 }
```

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

```
.background{ background-color:#C22681 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor