

# Converting Colors

Hex(C22189)

Have a look what the booklet for  
Hex(C22189) contains.

<b>Hex(C22189)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C22189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C22189
RGB	194, 33, 137
RGB Percent	76%, 13%, 54%
CMY	0.2392, 0.8706, 0.4627
CMYK	0.00, 0.83, 0.29, 0.24
HSL	321°, 71%, 45%
HSV	321°, 83%, 76%
XYZ	27.3073, 14.3632, 25.0000
YIQ	92.9950, 62.5720, 66.4760

# Conversions

## Conversions Part 2

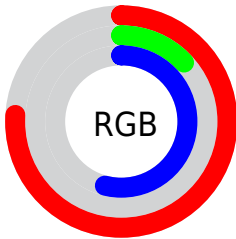
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 33, 137
Decimal	12722569
CIELab	44.75, 68.08, -17.73
CIELCh	45, 70.346, 345.403
Yxy	14.3632, 0.4096, 0.2154
Android (android.graphics.Color)	4290912649 (0xFFC22189)
YUV	92.9950, 21.6945, 88.5814
Hunter-Lab	37.8988, 62.2923, -12.5816

# Details

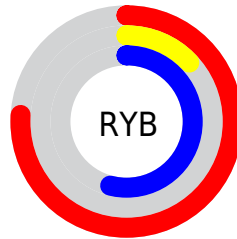
The Hex color **C22189** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **21C25A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FE63BE**, and **870057** is the 20% darker color. If you saturate the color by 10%, you get **C20E82**, and if you desaturate by 10%, it is **C23490**.

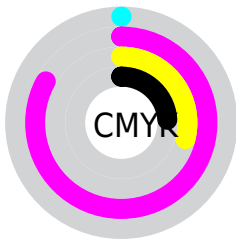
# Distribution



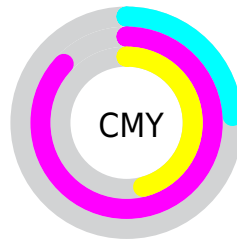
- Red (76%)
- Green (13%)
- Blue (54%)



- Red (76%)
- Yellow (13%)
- Blue (54%)



- Cyan (0%)
- Magenta (83%)
- Yellow (29%)
- Black (24%)



- Cyan (24%)
- Magenta (87%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C22189 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 C22189 by changing the saturation by 10% instead.



 C22189

 C22189

FFFFFF

 A40070

 FE63BE

 870057

 FF80DA

 6B0040

 FF9CF7

 4F0029

 FFBAFF

 340014

 FFD7FF

 060000

 FFF5FF

 000000

 C22189

 C22189

 C20E82

 C23490

 C2007D

 C24897

 C25B9E

 C26FA4

 C282AB

 C295B2

 C2A9B9

 C2BCC0

 C2D0C7

# Harmonies

## Analogous

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



9049BD



C22189



CE184F

# Triad

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



C22189



657100



0081BD

# Complementary

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



C22189



21C25A

# 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.



008388



C22189



067C00

# Square

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



C22189



985D00



00814A



0079DC

# Rectangle

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



C22189



C63229



00814A



0082AD



# Sweetspot

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



C22189



FCBDE6



5921C2



805972



000000



808080



# Same Dimension

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



C22189



FC00A3



C22139



61575D



A10068



210015



# Inverse Universe

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



C22189



FC00A3



21C2AA



61575D



A10068



210015



# Previews

## White Background



This preview shows how the Hex color C22189 looks on a white background.

## Color Contrast Check

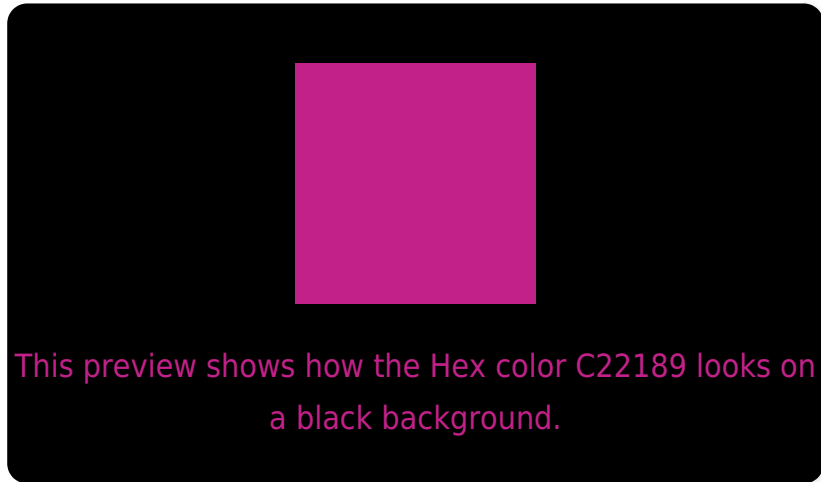
Large Text (above 18pt) WCAG AA ✓ Pass

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

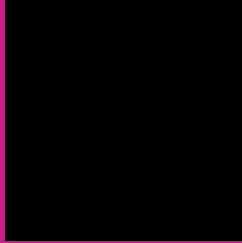
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C22189 Background



This preview shows how black text looks on a background with the Hex color C22189.



This preview shows how white text looks on a background with the Hex color C22189.

# 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**  
BD3D40

# Trichromacy



**Original Color**  
C22189



**Protanomaly**  
724EA9



**Deuteranomaly**  
8B4F84

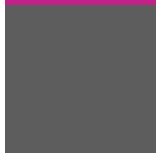


**Tritanomaly**  
BF335B

# Monochromacy



**Original Color**  
C22189



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
82476D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C22189 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 #C22189 looks like.

```
.text, #text, p{  
    color:#C22189  
}
```

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 #C22189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22189
}
```

## Border

The CSS property to change the border of an element to Hex C22189 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
#C22189 }
```

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

```
.border{ border-color:#C22189 }
```

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

Here you see how a box with a 4 pixel #C22189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22189; -webkit-box-shadow:4px 4px  
4px 4px #C22189; box-shadow:4px 4px 4px  
4px #C22189 }
```

# Background

The CSS property to change the background color of an element to Hex C22189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22189 }
```

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

```
.background{ background-color:#C22189 }
```

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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