

Converting Colors

Hex(C22247)

Have a look what the booklet for
Hex(C22247) contains.

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Color

Hex(C22247)

Conversions

Conversions Part 1

Format	Color
Hex	C22247
RGB	194, 34, 71
RGB Percent	76%, 13%, 28%
CMY	0.2392, 0.8667, 0.7216
CMYK	0.00, 0.82, 0.63, 0.24
HSL	346°, 70%, 45%
HSV	346°, 82%, 76%
XYZ	23.9575, 13.0683, 7.2210
YIQ	86.0580, 83.4830, 45.4270

Conversions

Conversions Part 2

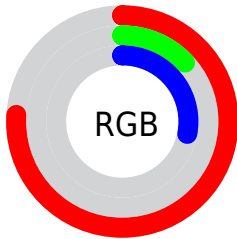
Format	Color
R_{YB}	194, 34, 71
Decimal	12722759
CIE _{Lab}	42.87, 62.11, 20.54
CIE _{LCh}	43, 65.418, 18.298
Yxy	13.0683, 0.5415, 0.2954
Android (android.graphics.Color)	4290912839 (0xFFC22247)
YUV	86.0580, -7.4236, 94.6651
Hunter-Lab	36.1501, 55.0332, 13.4619

Details

The Hex color **C22247** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **22C29D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6177**, and **85001C** is the 20% darker color. If you saturate the color by 10%, you get **C20F38**, and if you desaturate by 10%, it is **C23556**.

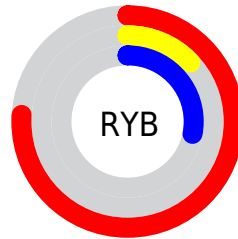
Distribution



Red (76%)

Green (13%)

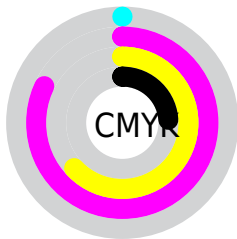
Blue (28%)



Red (76%)

Yellow (13%)

Blue (28%)

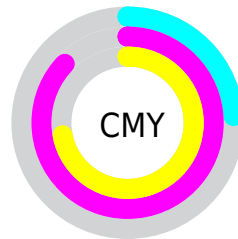


Cyan (0%)

Magenta (82%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (87%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C22247 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 C22247 by changing the saturation by 10% instead.

 C22247

 C22247

FFFFFF

 A30031

 FF6177

 85001C

 FF7D91

 670003

 FF9AAB

 4A0002

 FFB7C6

 2C0001

 FFD4E2

 000000

 FFF1FF

 C22247

 C22247

 C20F38

 C23556

 C2002D

 C24965

 C25C74

 C27083

 C28392

 C296A0

 C2AAAF

 C2BDBE

 C2D1CD

Harmonies

Analogous

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



B9247D



C22247



B04111

Triad

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



C22247



007710



0072D0

Complementary

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



C22247



22C29D

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.



007AB6



C22247



007B4D

Square

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



C22247



5C6D00



007D86



1A60CD

Rectangle

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



C22247



9A5300



007D86



0076CA

Sweetspot

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



C22247



FCBDCC



9D22C2



805962



000000



808080

Same Dimension

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



C22247



FC033C



C24D22



615759



A10025



210008

Inverse Universe

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



C22247



FC033C



2297C2



615759



A10025



210008

Previews

White Background



This preview shows how the Hex color C22247 looks on a white background.

Color Contrast Check

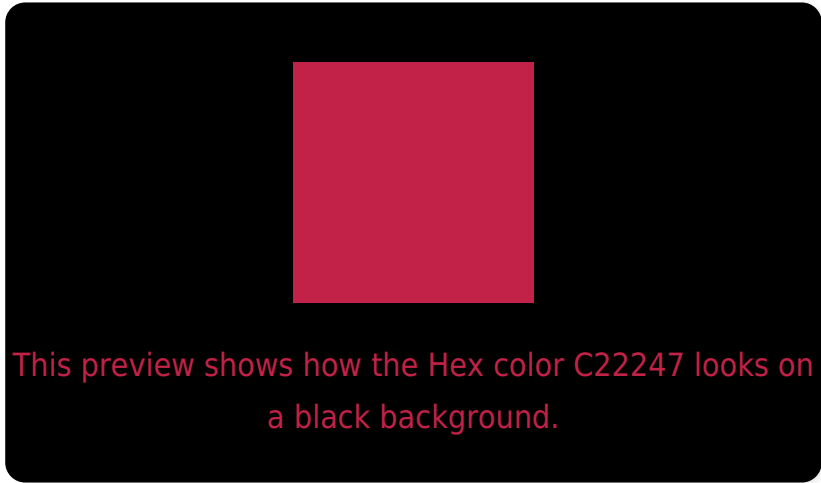
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22247 Background



This preview shows how black text looks on a background with the Hex color C22247.

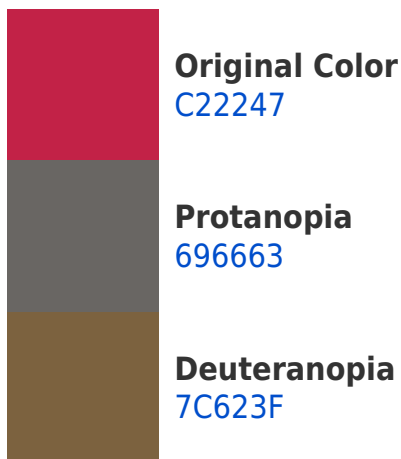


This preview shows how white text looks on a background with the Hex color C22247.

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



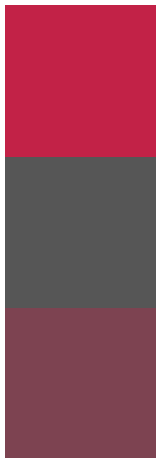
Original Color
C22247

Protanomaly
894D59

Deuteranomaly
954B42

Tritanomaly
C12635

Monochromacy



Original Color
C22247

Achromatopsia
565656

Achromatomaly
7D4351

CSS Examples

Text

The CSS property to change the color of the text to Hex C22247 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 #C22247 looks like.

```
.text, #text, p{  
    color:#C22247  
}
```

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 #C22247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22247
}
```

Border

The CSS property to change the border of an element to Hex C22247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

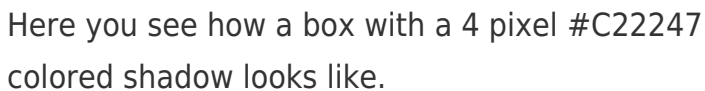
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C22247 }
```

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

```
.border{ border-color:#C22247 }
```

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



Here you see how a box with a 4 pixel `#C22247` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22247; -webkit-box-shadow:4px 4px  
4px 4px #C22247; box-shadow:4px 4px 4px  
4px #C22247 }
```

Background

The CSS property to change the background color of an element to Hex C22247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22247 }
```

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

```
.background{ background-color:#C22247 }
```

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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