

Converting Colors

Hex(C22541)

Have a look what the booklet for
Hex(C22541) contains.

Hex(C22541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C22541)

Conversions

Conversions Part 1

Format	Color
Hex	C22541
RGB	194, 37, 65
RGB Percent	76%, 15%, 25%
CMY	0.2392, 0.8549, 0.7451
CMYK	0.00, 0.81, 0.66, 0.24
HSL	349°, 68%, 45%
HSV	349°, 81%, 76%
XYZ	23.8638, 13.1741, 6.2861
YIQ	87.1350, 84.5840, 41.9920

Conversions

Conversions Part 2

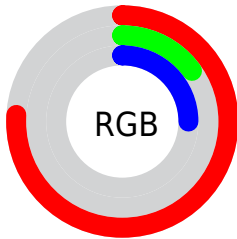
Format	Color
RYB	194, 37, 65
Decimal	12723521
CIELab	43.02, 61.01, 24.47
CIElCh	43, 65.738, 21.851
Yxy	13.1741, 0.5508, 0.3041
Android (android.graphics.Color)	4290913601 (0xFFC22541)
YUV	87.1350, -10.9126, 93.7206
Hunter-Lab	36.2962, 53.8410, 15.1389

Details

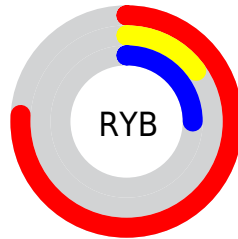
The Hex color **C22541** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **25C2A6**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6371**, and **850017** is the 20% darker color. If you saturate the color by 10%, you get **C21231**, and if you desaturate by 10%, it is **C23851**.

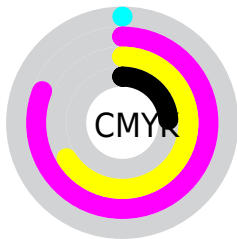
Distribution



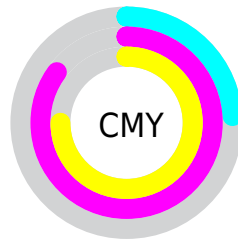
- Red (76%)
- Green (15%)
- Blue (25%)



- Red (76%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (81%)
- Yellow (66%)
- Black (24%)



- Cyan (24%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color C22541 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 C22541 by changing the saturation by 10% instead.

 C22541

 C22541

FFFFFF

 A3002B

 FF6371

 850017

 FF7F8A

 670000

 FF9BA4

 490002

 FFB8BF

 2B0001

 FFD5DB

 000000

 FFF3F8

 C22541

 C22541

 C21231

 C23851

 C20023

 C24C61

 C25F71

 C27381

 C28691

 C299A1

 C2ADB1

 C2C0C1

 C2D4D0

Harmonies

Analogous

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



BD2077



C22541



AE4407

Triad

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



C22541



007819



0071D2

Complementary

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



C22541



25C2A6

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.



007ABB



C22541



007C54

Square

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



C22541



566F00



007D8D



385ECC

Rectangle

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



C22541



965700



007D8D



0075CE

Sweetspot

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



C22541



FCC0CB



A525C2



805B61



000000



808080

Same Dimension

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



C22541



FC0833



C25725



615759



A1001D



210006

Inverse Universe

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



C22541



FC0833



2590C2



615759



A1001D



210006

Previews

White Background



This preview shows how the Hex color C22541 looks on a white background.

Color Contrast Check

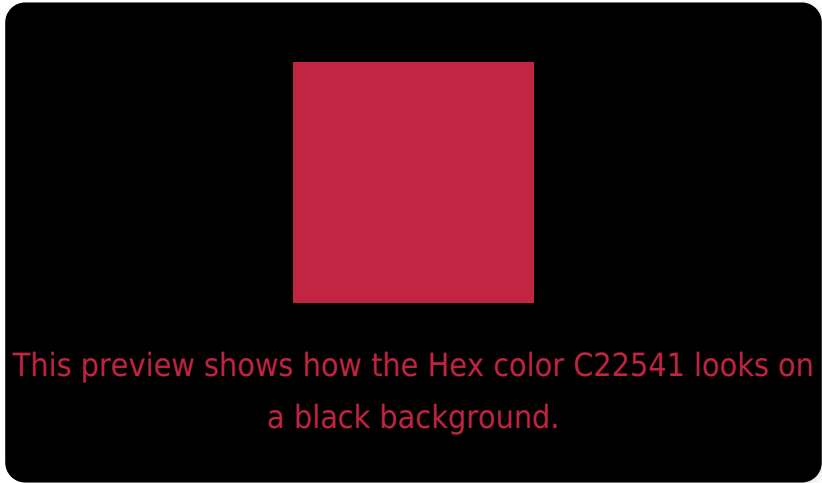
Large Text (above 18pt) WCAG AA ✓ Pass

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 C22541 Background



This preview shows how black text looks on a background with the Hex color C22541.

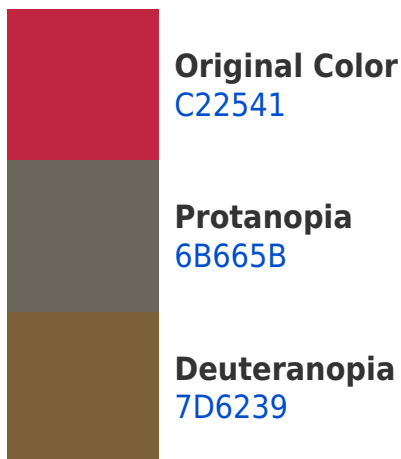


This preview shows how white text looks on a background with the Hex color C22541.

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
C22541

Protanomaly
8B4E52

Deuteranomaly
964C3C

Tritanomaly
C12832

Monochromacy



Original Color
C22541

Achromatopsia
575757

Achromatomaly
7E454F

CSS Examples

Text

The CSS property to change the color of the text to Hex C22541 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 #C22541 looks like.

```
.text, #text, p{  
    color:#C22541  
}
```

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 #C22541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C22541  
}
```

Border

The CSS property to change the border of an element to Hex C22541 is called "border". The border property can be set on classes, ids or directly on the HTML element.

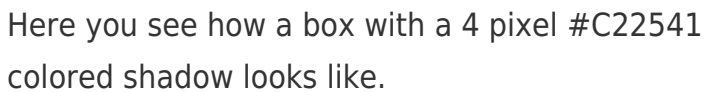
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C22541 }
```

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

```
.border{ border-color:#C22541 }
```

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



Here you see how a box with a 4 pixel `#C22541` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C22541; -webkit-box-shadow:4px 4px  
4px 4px #C22541; box-shadow:4px 4px 4px  
4px #C22541 }
```

Background

The CSS property to change the background color of an element to Hex C22541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C22541 }
```

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

```
.background{ background-color:#C22541 }
```

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