

Converting Colors

Hex(C21542)

Have a look what the booklet for
Hex(C21542) contains.

Hex(C21542)	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(C21542)

Conversions

Conversions Part 1

Format	Color
Hex	C21542
RGB	194, 21, 66
RGB Percent	76%, 8%, 26%
CMY	0.2392, 0.9176, 0.7412
CMYK	0.00, 0.89, 0.66, 0.24
HSL	344°, 80%, 42%
HSV	344°, 89%, 76%
XYZ	23.4997, 12.3990, 6.3089
YIQ	77.8570, 88.6630, 50.6710

Conversions

Conversions Part 2

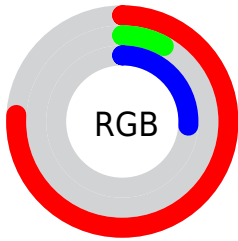
Format	Color
RYB	194, 21, 66
Decimal	12719426
CIELab	41.84, 64.49, 22.34
CIElCh	42, 68.252, 19.104
Yxy	12.3990, 0.5568, 0.2938
Android (android.graphics.Color)	4290909506 (0xFFC21542)
YUV	77.8570, -5.8455, 101.8574
Hunter-Lab	35.2122, 57.5046, 14.0256

Details

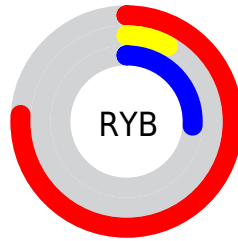
The Hex color **C21542** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **15C295**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5A72**, and **840018** is the 20% darker color. If you saturate the color by 10%, you get **C20234**, and if you desaturate by 10%, it is **C22850**.

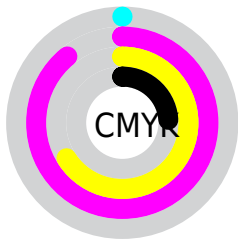
Distribution



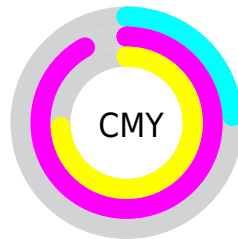
- Red (76%)
- Green (8%)
- Blue (26%)



- Red (76%)
- Yellow (8%)
- Blue (26%)



- Cyan (0%)
- Magenta (89%)
- Yellow (66%)
- Black (24%)



- Cyan (24%)
- Magenta (92%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color C21542 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 C21542 by changing the saturation by 10% instead.

 C21542

 C21542

FFFFFF

 A3002C

 FF5A72

 840018

 FF778B

 660000

 FF94A5

 490003

 FFB1C0

 2A0001

 FFCEDC

 000000

 FFECF9

 C21542

 C21542

 C20234

 C22850

 C20032

 C23C5F

 C24F6D

 C2637B

 C2768A

 C28998

 C29DA6

 C2B0B5

 C2C4C3

Harmonies

Analogous

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



BA157A



C21542



AF3D05

Triad

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



C21542



007507



0070D2

Complementary

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



C21542



15C295

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.



0078B8



C21542



00794C

Square

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



C21542



576B00



007A86



095DCE

Rectangle

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



C21542



975100



007A86



0074CD

Sweetspot

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



C21542



FCB8CA



9415C2



805761



000000



808080

Same Dimension

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



C21542



FC0042



C23D15



61575A



A1002A



210009

Inverse Universe

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



C21542



FC0042



159AC2



61575A



A1002A



210009

Previews

White Background



This preview shows how the Hex color C21542 looks on a white background.

Color Contrast Check

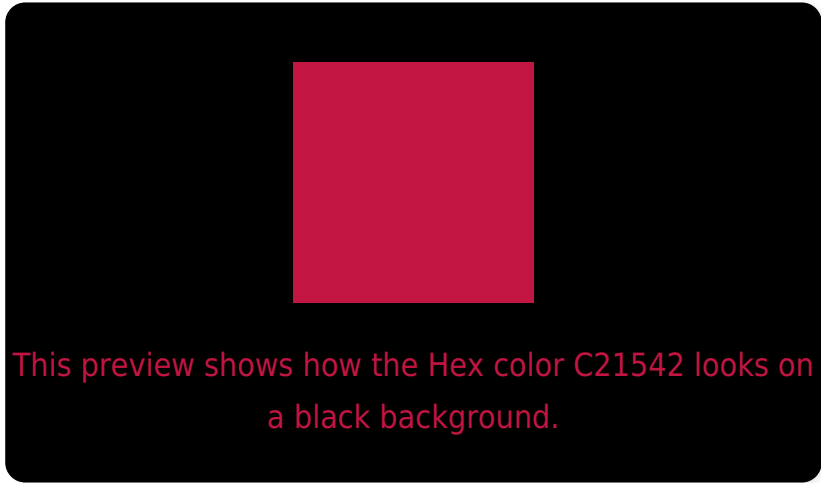
Large Text (above 18pt) WCAG AA ✓ Pass

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 C21542 Background



This preview shows how black text looks on a background with the Hex color C21542.

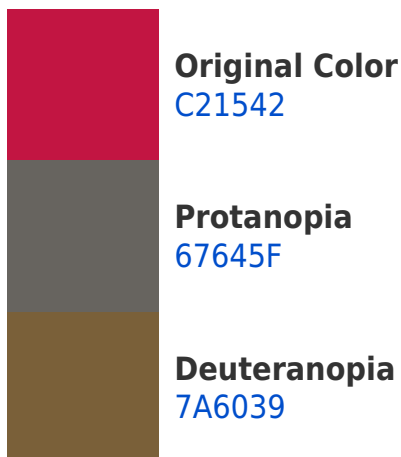


This preview shows how white text looks on a background with the Hex color C21542.

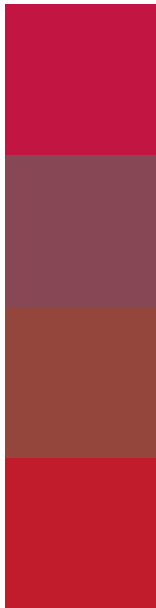
Color Blindness Simulation

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
C21542

Protanomaly
884754

Deuteranomaly
94453C

Tritanomaly
C11C2C

Monochromacy



Original Color
C21542

Achromatopsia
4E4E4E

Achromatomaly
78394A

CSS Examples

Text

The CSS property to change the color of the text to Hex C21542 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 #C21542 looks like.

```
.text, #text, p{  
    color:#C21542  
}
```

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 #C21542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C21542
}
```

Border

The CSS property to change the border of an element to Hex C21542 is called "border". The border property can be set on classes, ids or directly on the HTML element.

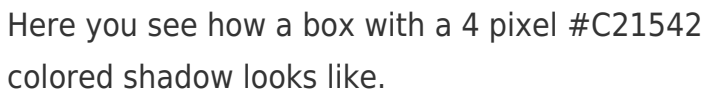
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C21542 }
```

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

```
.border{ border-color:#C21542 }
```

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



Here you see how a box with a 4 pixel `#C21542` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C21542; -webkit-box-shadow:4px 4px  
4px 4px #C21542; box-shadow:4px 4px 4px  
4px #C21542 }
```

Background

The CSS property to change the background color of an element to Hex C21542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C21542 }
```

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

```
.background{ background-color:#C21542 }
```

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