

# Converting Colors

Hex(C14236)

Have a look what the booklet for  
Hex(C14236) contains.

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**Color**

**Hex(C14236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C14236
RGB	193, 66, 54
RGB Percent	76%, 26%, 21%
CMY	0.2431, 0.7412, 0.7882
CMYK	0.00, 0.66, 0.72, 0.24
HSL	5°, 56%, 48%
HSV	5°, 72%, 76%
XYZ	24.6064, 15.5002, 5.1850
YIQ	102.6050, 79.5440, 23.1920

# Conversions

## Conversions Part 2

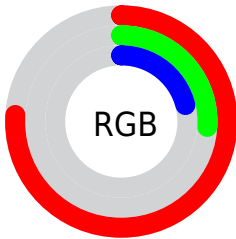
Format	Color
<a href="#">RYB</a>	<a href="#">193, 67, 54</a>
Decimal	<a href="#">12665398</a>
CIELab	<a href="#">46.31, 50.08, 34.94</a>
CIElCh	<a href="#">46, 61.068, 34.902</a>
Yxy	<a href="#">15.5002, 0.5433, 0.3422</a>
Android (android.graphics.Color)	<a href="#">4290855478</a> (0xFFC14236)
YUV	<a href="#">102.6050, -23.9623, 79.2764</a>
Hunter-Lab	<a href="#">39.3703, 42.6641, 19.7509</a>

# Details

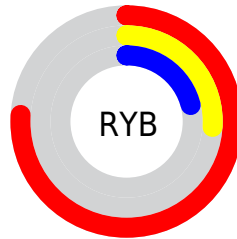
The Hex color **C14236** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **36B5C1**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF7865**, and **84000A** is the 20% darker color. If you saturate the color by 10%, you get **C13023**, and if you desaturate by 10%, it is **C15449**.

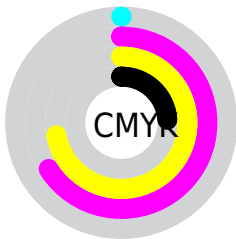
# Distribution



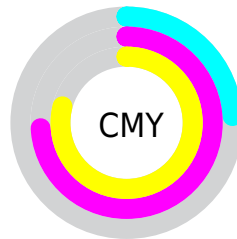
- Red (76%)
- Green (26%)
- Blue (21%)



- Red (76%)
- Yellow (26%)
- Blue (21%)



- Cyan (0%)
- Magenta (66%)
- Yellow (72%)
- Black (24%)



- Cyan (24%)
- Magenta (74%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14236 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 C14236 by changing the saturation by 10% instead.



 C14236

 C14236

FFFFFF

 A22520

 FF7865

 84000A

 FF937F

 660000

 FFAF99

 490000

 FFCCB4

 2E0002

 FFE9CF

 000000

 FFFFEC

 C14236

 C14236

 C13023

 C15449

 C11F0F

 C1655D

 C11100

 C17770

 C18983

 C19A97

 C1ACAA

 C1BDBD

 C1CFD0

 C1E1E4

# Harmonies

## Analogous

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



C73368



C14236



A65A00

# Triad

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



C14236



00823F



0071D5

# Complementary

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



C14236



36B5C1

# 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.



007ECB



C14236



008575

# Square

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



C14236



477B03



0084A7



775CC2

# Rectangle

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



C14236



8C6800



0084A7



0077D4



# Sweetspot

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



C14236



FAC8C3



C136B5



7D5F5C



FCFCFC



7D7D7D



# Same Dimension

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



C14236



FA3623



C18736



615857



A10E00



210300



# Inverse Universe

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



36B5C1



23E7FA



3670C1



576061



0093A1

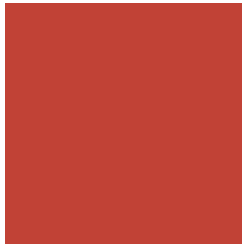


001E21



# Previews

## White Background



This preview shows how the Hex color C14236 looks on a white background.

## Color Contrast Check

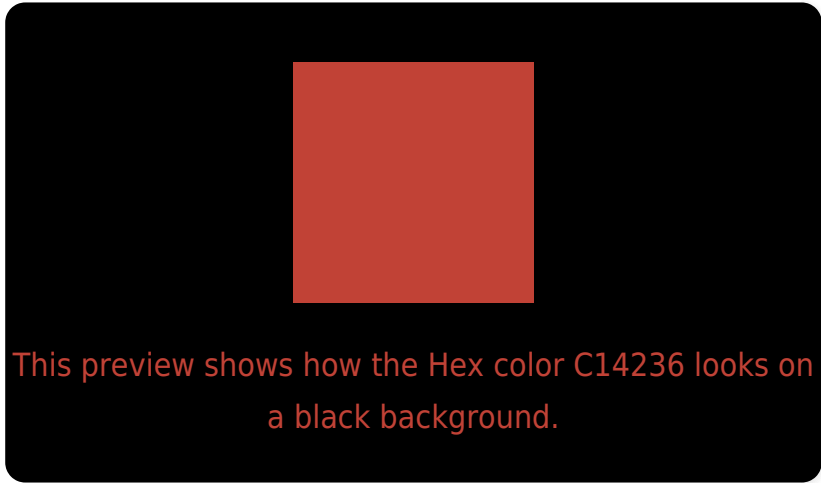
Large Text (above 18pt) WCAG AA ✓ Pass

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 C14236 Background



This preview shows how black text looks on a background with the Hex color C14236.



This preview shows how white text looks on a background with the Hex color C14236.

# 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



**Original Color**  
C14236

**Protanopia**  
786E45

**Deuteranopia**  
89692E



**Tritanopia**  
C24044

# Trichromacy



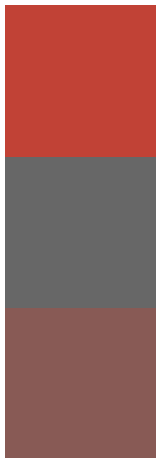
**Original Color**  
C14236

**Protanomaly**  
935E40

**Deuteranomaly**  
9D5B31

**Tritanomaly**  
C2413F

# Monochromacy



**Original Color**  
C14236

**Achromatopsia**  
676767

**Achromatomaly**  
885A55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14236 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 #C14236 looks like.

```
.text, #text, p{  
  color:#C14236  
}
```

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 #C14236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14236
}
```

## Border

The CSS property to change the border of an element to Hex C14236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

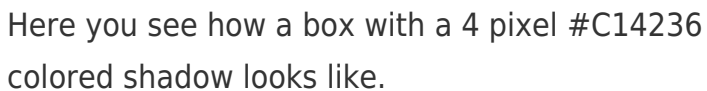
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C14236 }
```

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

```
.border{ border-color:#C14236 }
```

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



Here you see how a box with a 4 pixel `#C14236` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14236; -webkit-box-shadow:4px 4px  
4px 4px #C14236; box-shadow:4px 4px 4px  
4px #C14236 }
```

# Background

The CSS property to change the background color of an element to Hex C14236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14236 }
```

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

```
.background{ background-color:#C14236 }
```

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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