

# Converting Colors

Hex(C14252)

Have a look what the booklet for  
Hex(C14252) contains.

<b>Hex(C14252)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(C14252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C14252
RGB	193, 66, 82
RGB Percent	76%, 26%, 32%
CMY	0.2431, 0.7412, 0.6784
CMYK	0.00, 0.66, 0.58, 0.24
HSL	352°, 51%, 51%
HSV	352°, 66%, 76%
XYZ	25.4635, 15.8431, 9.6986
YIQ	105.7970, 70.5560, 31.9000

# Conversions

## Conversions Part 2

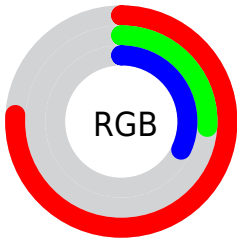
Format	Color
R <sub>Y</sub> B	193, 66, 82
Decimal	12665426
CIE Lab	46.77, 51.78, 18.90
CIE LCh	47, 55.118, 20.055
Yxy	15.8431, 0.4992, 0.3106
Android (android.graphics.Color)	4290855506 (0xFFC14252)
YUV	105.7970, -11.7319, 76.4770
Hunter-Lab	39.8034, 44.5364, 13.4156

# Details

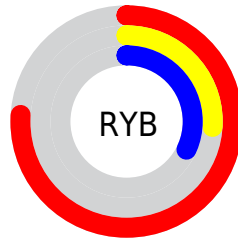
The Hex color **C14252** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **42C1B1**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FE7983**, and **850026** is the 20% darker color. If you saturate the color by 10%, you get **C12F41**, and if you desaturate by 10%, it is **C15563**.

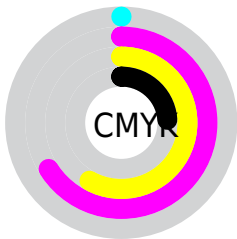
# Distribution



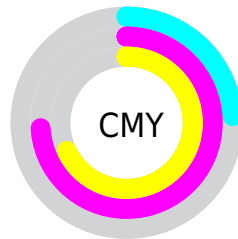
- Red (76%)
- Green (26%)
- Blue (32%)



- Red (76%)
- Yellow (26%)
- Blue (32%)



- Cyan (0%)
- Magenta (66%)
- Yellow (58%)
- Black (24%)



- Cyan (24%)
- Magenta (74%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14252 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 C14252 by changing the saturation by 10% instead.



 C14252

 C14252

FFFFFF

 A3253B

 FE7983

 850026

 FF949D

 680012

 FFB0B8

 4C0000

 FFCDD4

 300002

 FFEAF0

 000000

 C14252

 C14252

 C12F41

 C15563

 C11B30

 C16974

 C1081F

 C17C85

 C10018

 C18F95

 C1A2A6

 C1B6B7

 C1C9C8

 C1DCD9

 C1F0EA

# Harmonies

## Analogous

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



BA4280



C14252



B25428

# Triad

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



C14252



2A7F2F



0079CA

# Complementary

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



C14252



42C1B1

# 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.



0081B5



C14252



00835D

# Square

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



C14252



677601



00848D



4E69C6

# Rectangle

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



C14252



9E610C



00848D



007CC6



# Sweetspot

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



C14252



FAC8CE



B042C1



7D5F63



FCFCFC



7D7D7D



# Same Dimension

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



C14252



FA344D



C17142



615758



A10014



210004



# Inverse Universe

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



C14252



FA344D



4292C1



615758



A10014



210004



# Previews

## White Background



This preview shows how the Hex color C14252 looks on a white background.

## Color Contrast Check

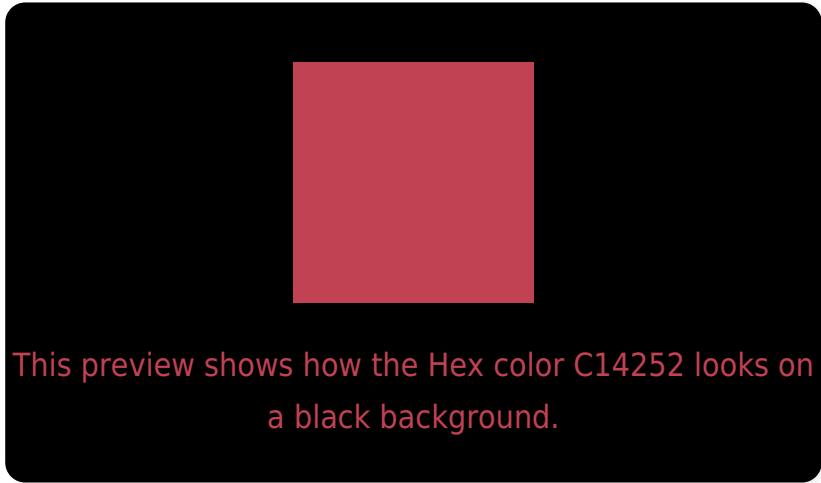
Large Text (above 18pt) WCAG AA ✓ Pass

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 C14252 Background



This preview shows how black text looks on a background with the Hex color C14252.

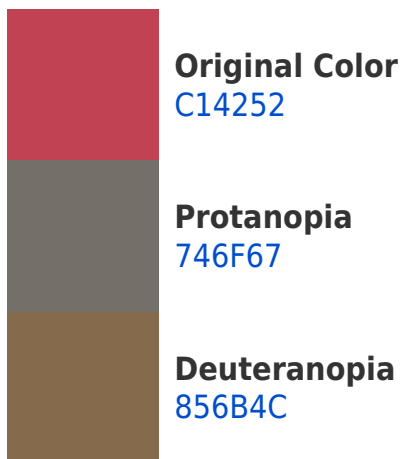


This preview shows how white text looks on a background with the Hex color C14252.

# 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**  
C04448

# Trichromacy



**Original Color**  
C14252

**Protanomaly**  
905F5F

**Deuteranomaly**  
9B5C4E

**Tritanomaly**  
C0434C

# Monochromacy



**Original Color**  
C14252

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
8A5B61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14252 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 #C14252 looks like.

```
.text, #text, p{  
    color:#C14252  
}
```

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 #C14252 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14252
}
```

## Border

The CSS property to change the border of an element to Hex C14252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

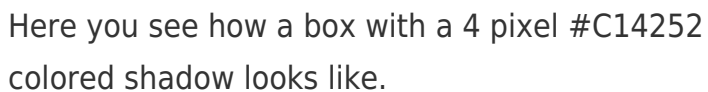
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C14252 }
```

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

```
.border{ border-color:#C14252 }
```

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



Here you see how a box with a 4 pixel #C14252 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14252; -webkit-box-shadow:4px 4px  
4px 4px #C14252; box-shadow:4px 4px 4px  
4px #C14252 }
```

# Background

The CSS property to change the background color of an element to Hex C14252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14252 }
```

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

```
.background{ background-color:#C14252 }
```

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