

# Converting Colors

Hex(C8214B)

Have a look what the booklet for  
Hex(C8214B) contains.

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# Color

**Hex(C8214B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8214B
RGB	200, 33, 75
RGB Percent	78%, 13%, 29%
CMY	0.2157, 0.8706, 0.7059
CMYK	0.00, 0.83, 0.62, 0.22
HSL	345°, 72%, 46%
HSV	345°, 84%, 78%
XYZ	25.6333, 13.8751, 7.9837
YIQ	87.7210, 86.0500, 48.4660

# Conversions

## Conversions Part 2

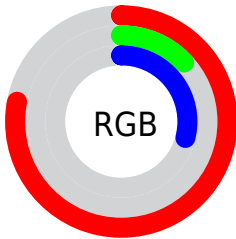
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 33, 75
Decimal	13115723
CIE <sub>Lab</sub>	44.05, 64.19, 19.83
CIE <sub>LCh</sub>	44, 67.185, 17.167
Yxy	13.8751, 0.5397, 0.2922
Android (android.graphics.Color)	4291305803 (0xFFC8214B)
YUV	87.7210, -6.2715, 98.4687
Hunter-Lab	37.2493, 57.6495, 13.3667

# Details

The Hex color **C8214B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **21C89E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF627B**, and **8A0020** is the 20% darker color. If you saturate the color by 10%, you get **C80D3C**, and if you desaturate by 10%, it is **C8355A**.

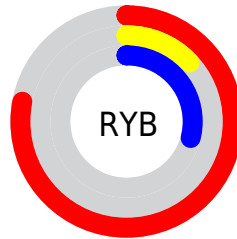
# Distribution



Red (78%)

Green (13%)

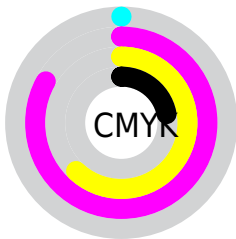
Blue (29%)



Red (78%)

Yellow (13%)

Blue (29%)

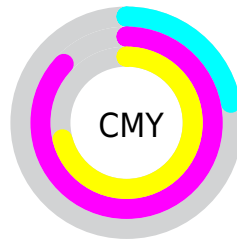


Cyan (0%)

Magenta (83%)

Yellow (62%)

Black (22%)



Cyan (22%)

Magenta (87%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8214B 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 C8214B by changing the saturation by 10% instead.



 C8214B

 C8214B

FFFFFF

 A90035

 FF627B

 8A0020

 FF7E95

 6C0009

 FF9BB0

 4F0002

 FFB8CB

 310002

 FFD5E7

 000000

 FFF3FF

 C8214B

 C8214B

 C80D3C

 C8355A

 C80032

 C84969

 C85D78

 C87187

 C88596

 C899A5

 C8ADB4

 C8C1C3

 C8D5D2

# Harmonies

## Analogous

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



BE2583



C8214B



B74113

# Triad

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



C8214B



017A0B



0076D6

# Complementary

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



C8214B



21C89E

# 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.



007EBA



C8214B



007F4D

# Square

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



C8214B



616F00



008088



0064D4

# Rectangle

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



C8214B



A05500



008088



007AD0



# Sweetspot

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



C8214B



FFBFCF



9B21C8



805963



000000



808080



# Same Dimension

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



C8214B



FF0040



C84821



635A5C



A30029



240009



# Inverse Universe

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



C8214B



FF0040



21A1C8



635A5C



A30029



240009



# Previews

## White Background



This preview shows how the Hex color C8214B looks on a white background.

## Color Contrast Check

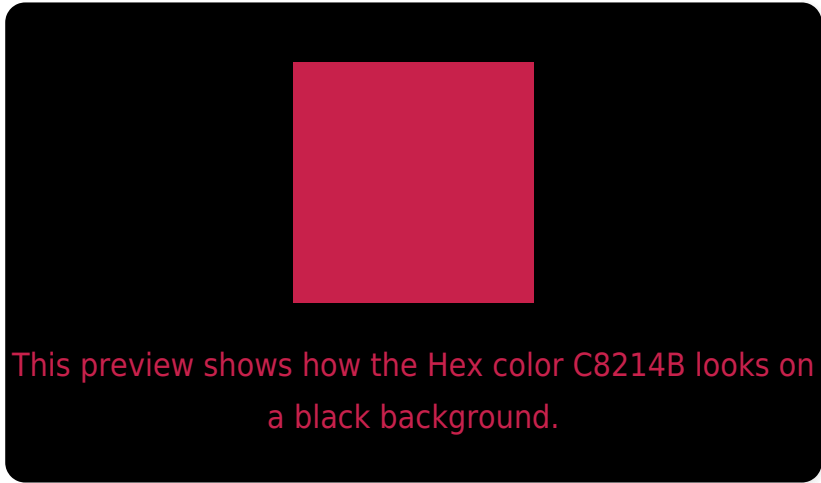
Large Text (above 18pt) WCAG AA ✓ Pass

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 C8214B Background



This preview shows how black text looks on a background with the Hex color C8214B.

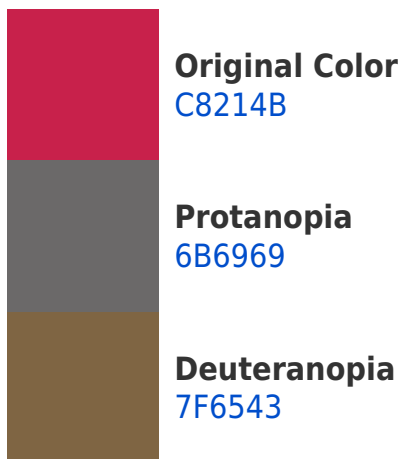


This preview shows how white text looks on a background with the Hex color C8214B.

# Color Blindness Simulation

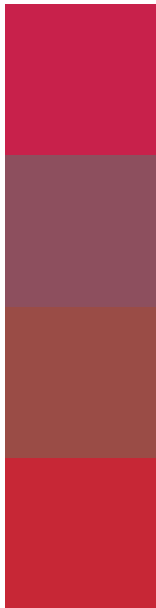
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C8214B

**Protanomaly**  
8D4F5E

**Deuteranomaly**  
9A4C46

**Tritanomaly**  
C72736

# Monochromacy



**Original Color**  
C8214B

**Achromatopsia**  
585858

**Achromatomaly**  
814453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8214B 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 #C8214B looks like.

```
.text, #text, p{  
    color:#C8214B  
}
```

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 #C8214B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8214B
}
```

## Border

The CSS property to change the border of an element to Hex C8214B 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
#C8214B }
```

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

```
.border{ border-color:#C8214B }
```

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

Here you see how a box with a 4 pixel #C8214B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8214B; -webkit-box-shadow:4px 4px  
4px 4px #C8214B; box-shadow:4px 4px 4px  
4px #C8214B }
```

# Background

The CSS property to change the background color of an element to Hex C8214B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8214B }
```

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

```
.background{ background-color:#C8214B }
```

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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