

Converting Colors

Hex(C3215A)

Have a look what the booklet for
Hex(C3215A) contains.

Hex(C3215A)	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(C3215A)

Conversions

Conversions Part 1

Format	Color
Hex	C3215A
RGB	195, 33, 90
RGB Percent	76%, 13%, 35%
CMY	0.2353, 0.8706, 0.6471
CMYK	0.00, 0.83, 0.54, 0.24
HSL	339°, 71%, 45%
HSV	339°, 83%, 76%
XYZ	24.8950, 13.4280, 10.9526
YIQ	87.9360, 78.2550, 52.0710

Conversions

Conversions Part 2

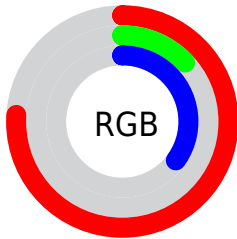
Format	Color
RYB	195, 33, 90
Decimal	12788058
CIELab	43.40, 63.87, 9.40
CIELCh	43, 64.559, 8.374
Yxy	13.4280, 0.5052, 0.2725
Android (android.graphics.Color)	4290978138 (0xFFC3215A)
YUV	87.9360, 1.0176, 93.8951
Hunter-Lab	36.6442, 57.1401, 7.9298

Details

The Hex color **C3215A** 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 **21C38A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF618C**, and **87002D** is the 20% darker color. If you saturate the color by 10%, you get **C30D4D**, and if you desaturate by 10%, it is **C33467**.

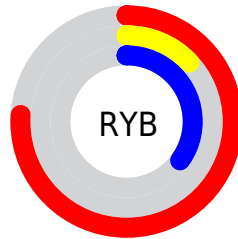
Distribution



Red (76%)

Green (13%)

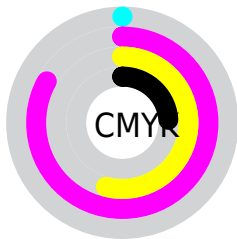
Blue (35%)



Red (76%)

Yellow (13%)

Blue (35%)

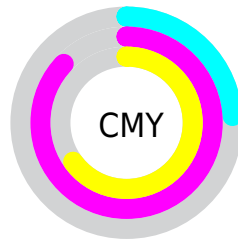


Cyan (0%)

Magenta (83%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (87%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3215A 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 C3215A by changing the saturation by 10% instead.

 C3215A

 C3215A

FFFFFF

 A50043

 FF618C

 87002D

 FF7EA6

 690019

 FF9AC1

 4D0002

 FFB7DD

 2F0002

 FFD5F9

 000000

 FFF2FF

 C3215A

 C3215A

 C30D4D

 C33467

 C30045

 C34873

 C35B80

 C36F8D

 C38399

 C396A6

 C3AAB2

 C3BDBF

 C3D0CC

Harmonies

Analogous

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



B0318F



C3215A



B93926

Triad

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



C3215A



327500



0077CB

Complementary

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



C3215A



21C38A

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.



007DA8



C3215A



007B3C

Square

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



C3215A



6F6900



007E75



0069D2

Rectangle

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



C3215A



A74C00



007E75



007AC2

Sweetspot

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



C3215A



FCBDD4



8821C3



805967



000000



808080

Same Dimension

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



C3215A



FC0059



C33721



61575B



A10039



21000C

Inverse Universe

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



C3215A



FC0059



21ADC3



61575B



A10039



21000C

Previews

White Background



This preview shows how the Hex color C3215A looks on a white background.

Color Contrast Check

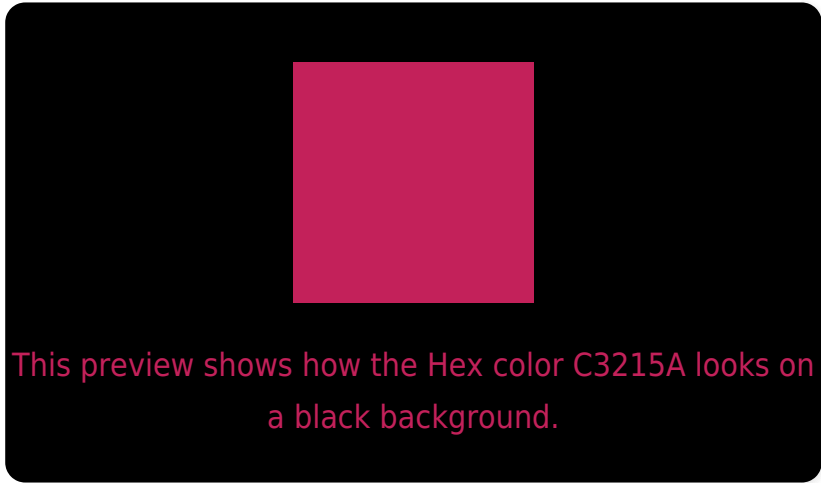
Large Text (above 18pt) WCAG AA ✓ Pass

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 C3215A Background



This preview shows how black text looks on a background with the Hex color C3215A.



This preview shows how white text looks on a background with the Hex color C3215A.

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

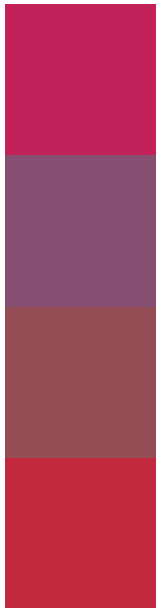


Original Color
C3215A

Protanopia
63677D

Deuteranopia
796452

Trichromacy



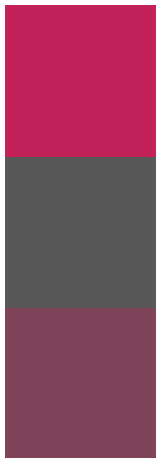
Original Color
C3215A

Protanomaly
864E70

Deuteranomaly
944C55

Tritanomaly
C2293F

Monochromacy



Original Color
C3215A

Achromatopsia
585858

Achromatomaly
7F4459

CSS Examples

Text

The CSS property to change the color of the text to Hex C3215A 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 #C3215A looks like.

```
.text, #text, p{  
    color:#C3215A  
}
```

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 #C3215A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3215A
}
```

Border

The CSS property to change the border of an element to Hex C3215A 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
#C3215A }
```

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

```
.border{ border-color:#C3215A }
```

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

Here you see how a box with a 4 pixel #C3215A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3215A; -webkit-box-shadow:4px 4px  
4px 4px #C3215A; box-shadow:4px 4px 4px  
4px #C3215A }
```

Background

The CSS property to change the background color of an element to Hex C3215A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3215A }
```

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

```
.background{ background-color:#C3215A }
```

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