

Converting Colors

Hex(C2415F)

Have a look what the booklet for
Hex(C2415F) contains.

Hex(C2415F)	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(C2415F)

Conversions

Conversions Part 1

Format	Color
Hex	C2415F
RGB	194, 65, 95
RGB Percent	76%, 25%, 37%
CMY	0.2392, 0.7451, 0.6275
CMYK	0.00, 0.66, 0.51, 0.24
HSL	346°, 51%, 51%
HSV	346°, 66%, 76%
XYZ	26.2040, 16.0762, 12.5484
YIQ	106.9910, 67.2540, 36.6780

Conversions

Conversions Part 2

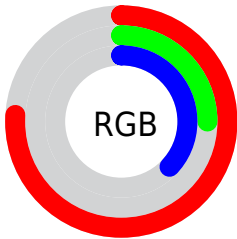
Format	Color
R_{YB}	194, 65, 95
Decimal	12730719
CIE _{Lab}	47.07, 53.55, 11.42
CIE _{LCh}	47, 54.754, 12.039
Yxy	16.0762, 0.4779, 0.2932
Android (android.graphics.Color)	4290920799 (0xFFC2415F)
YUV	106.9910, -5.9116, 76.3069
Hunter-Lab	40.0951, 46.4916, 9.5108

Details

The Hex color **C2415F** 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 **41C2A4**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7891**, and **870031** is the 20% darker color. If you saturate the color by 10%, you get **C22E50**, and if you desaturate by 10%, it is **C2546E**.

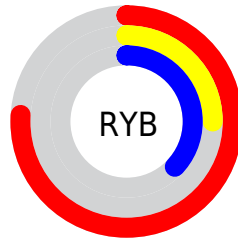
Distribution



Red (76%)

Green (25%)

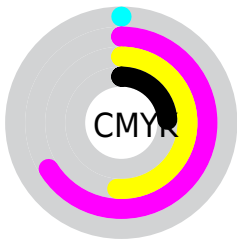
Blue (37%)



Red (76%)

Yellow (25%)

Blue (37%)

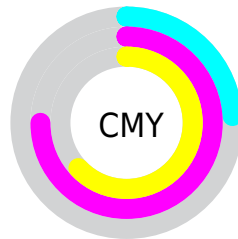


Cyan (0%)

Magenta (66%)

Yellow (51%)

Black (24%)



Cyan (24%)

Magenta (75%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2415F 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 C2415F by changing the saturation by 10% instead.

 C2415F

 C2415F

FFFFFF

 A42347

 FF7891

 870031

 FF94AC

 6A001D

 FFB0C7

 4E0002

 FFCCE3

 330002

 FFE9FF

 000000

 C2415F

 C2415F

 C22E50

 C2546E

 C21A41

 C2687D

 C20732

 C27B8C

 C2002D

 C28F9B

 C2A2A9

 C2B5B8

 C2C9C7

 C2DCD6

 C2F0E5

Harmonies

Analogous

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



B4478D



C2415F



B84F34

Triad

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



C2415F



417E25



007CC7

Complementary

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



C2415F



41C2A4

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.



0083AC



C2415F



008351

Square

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



C2415F



757300



008581



2A6FCA

Rectangle

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



C2415F



A75D1A



008581



007FC1

Sweetspot

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



C2415F



FCCAD6



A441C2



806168



000000



808080

Same Dimension

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



C2415F



FC3261



C26341



615759



A10025



210008

Inverse Universe

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



C2415F



FC3261



41A0C2



615759



A10025



210008

Previews

White Background



This preview shows how the Hex color C2415F looks on a white background.

Color Contrast Check

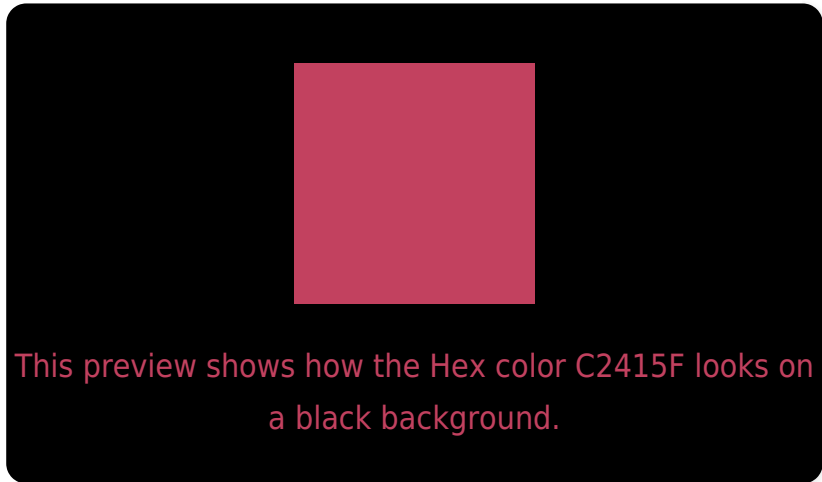
Large Text (above 18pt) WCAG AA ✓ Pass

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 C2415F Background



This preview shows how black text looks on a background with the Hex color C2415F.




This preview shows how white text looks on a background with the Hex color C2415F.

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
C14549

Trichromacy



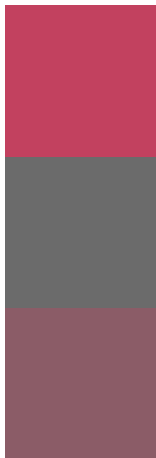
Original Color
C2415F

Protanomaly
8E5F6E

Deuteranomaly
9A5C5B

Tritanomaly
C14451

Monochromacy



Original Color
C2415F

Achromatopsia
6B6B6B

Achromatomaly
8B5C67

CSS Examples

Text

The CSS property to change the color of the text to Hex C2415F 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 #C2415F looks like.

```
.text, #text, p{  
    color:#C2415F  
}
```

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 #C2415F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2415F
}
```

Border

The CSS property to change the border of an element to Hex C2415F is called "border". The border property can be set on classes, ids or directly on the HTML element.

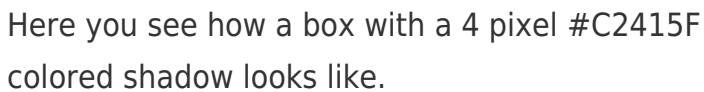
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2415F }
```

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

```
.border{ border-color:#C2415F }
```

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



Here you see how a box with a 4 pixel `#C2415F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2415F; -webkit-box-shadow:4px 4px  
4px 4px #C2415F; box-shadow:4px 4px 4px  
4px #C2415F }
```

Background

The CSS property to change the background color of an element to Hex C2415F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2415F }
```

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

```
.background{ background-color:#C2415F }
```

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