

Converting Colors

Hex(C0394D)

Have a look what the booklet for
Hex(C0394D) contains.

Hex(C0394D)	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(C0394D)

Conversions

Conversions Part 1

Format	Color
Hex	C0394D
RGB	192, 57, 77
RGB Percent	75%, 22%, 30%
CMY	0.2471, 0.7765, 0.6980
CMYK	0.00, 0.70, 0.60, 0.25
HSL	351°, 54%, 49%
HSV	351°, 70%, 75%
XYZ	24.5409, 14.6685, 8.5590
YIQ	99.6450, 74.0400, 34.8400

Conversions

Conversions Part 2

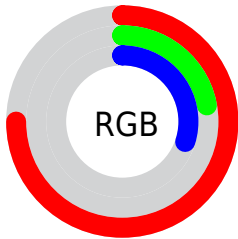
Format	Color
R_{YB}	192, 57, 77
Decimal	12597581
CIE Lab	45.18, 54.69, 19.80
CIE LCh	45, 58.167, 19.904
Yxy	14.6685, 0.5137, 0.3071
Android (android.graphics.Color)	4290787661 (0xFFC0394D)
YUV	99.6450, -11.1640, 80.9953
Hunter-Lab	38.2995, 47.3519, 13.5598

Details

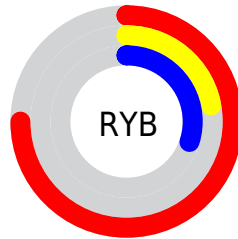
The Hex color **C0394D** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **39C0AC**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FE717E**, and **840021** is the 20% darker color. If you saturate the color by 10%, you get **C0263D**, and if you desaturate by 10%, it is **C04C5D**.

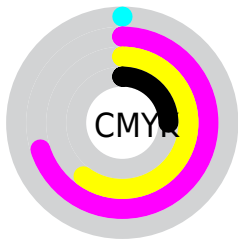
Distribution



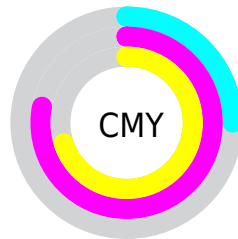
- Red (75%)
- Green (22%)
- Blue (30%)



- Red (75%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (70%)
- Yellow (60%)
- Black (25%)



- Cyan (25%)
- Magenta (78%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0394D 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 C0394D by changing the saturation by 10% instead.

 C0394D

 C0394D

FFFFFF

 A21836

 FE717E

 840021

 FF8D98

 67000C

 FFA9B2

 4A0000

 FFC5CE

 2E0002

 FFE2EA

 000000

 C0394D

 C0394D

 C0263D

 C04C5D

 C0132C

 C05F6E

 C0001C

 C0737E

 C0868E

 C0999F

 C0ACAF

 C0BFBF

 C0D3D0

 C0E6E0

Harmonies

Analogous

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



B9397D



C0394D



B04E20

Triad

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



C0394D



1E7B26



0075CB

Complementary

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



C0394D



39C0AC

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.



007EB5



C0394D



008058

Square

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



C0394D



627200



00818B



4465C7

Rectangle

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



C0394D



9B5C00



00818B



0079C6

Sweetspot

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



C0394D



FAC5CD



AC39C0



7D5E62



FCFCFC



7D7D7D

Same Dimension

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



C0394D



FA2847



C06839



615759



A10018



210005

Inverse Universe

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



C0394D



FA2847



3991C0



615759



A10018



210005

Previews

White Background



This preview shows how the Hex color C0394D looks on a white background.

Color Contrast Check

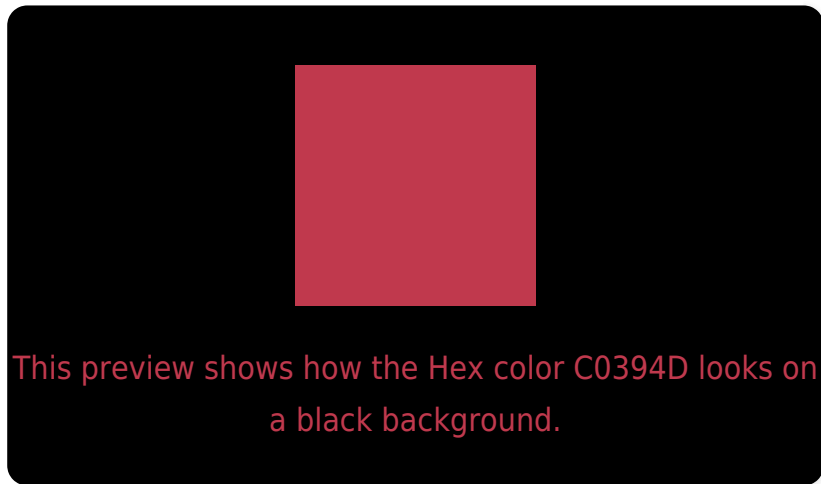
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0394D Background



This preview shows how black text looks on a background with the Hex color C0394D.

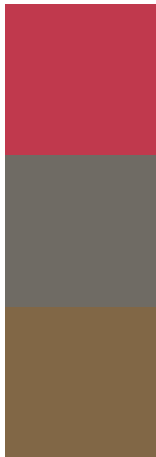


This preview shows how white text looks on a background with the Hex color C0394D.

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
C0394D

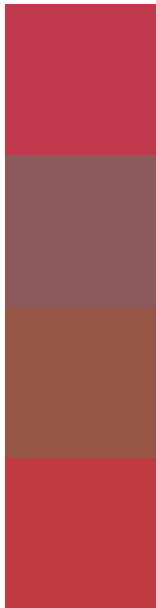
Protanopia
6F6B64

Deuteranopia
816746



Tritanopia
BF3C3F

Trichromacy



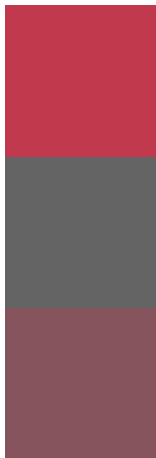
Original Color
C0394D

Protanomaly
8C595C

Deuteranomaly
985649

Tritanomaly
BF3B44

Monochromacy



Original Color
C0394D

Achromatopsia
646464

Achromatomaly
85545C

CSS Examples

Text

The CSS property to change the color of the text to Hex C0394D 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 #C0394D looks like.

```
.text, #text, p{  
    color:#C0394D  
}
```

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 #C0394D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0394D }
}
```

Border

The CSS property to change the border of an element to Hex C0394D is called "border". The border property can be set on classes, ids or directly on the HTML element.

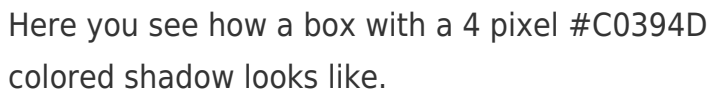
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C0394D }
}
```

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

```
.border{ border-color:#C0394D }
```

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



Here you see how a box with a 4 pixel `#C0394D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0394D; -webkit-box-shadow:4px 4px  
4px 4px #C0394D; box-shadow:4px 4px 4px  
4px #C0394D }
```

Background

The CSS property to change the background color of an element to Hex C0394D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0394D }
```

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

```
.background{ background-color:#C0394D }
```

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