

Converting Colors

Hex(C04058)

Have a look what the booklet for
Hex(C04058) contains.

Hex(C04058)	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(C04058)

Conversions

Conversions Part 1

Format	Color
Hex	C04058
RGB	192, 64, 88
RGB Percent	75%, 25%, 35%
CMY	0.2471, 0.7490, 0.6549
CMYK	0.00, 0.67, 0.54, 0.25
HSL	349°, 50%, 50%
HSV	349°, 67%, 75%
XYZ	25.3331, 15.5778, 10.9041
YIQ	105.0080, 68.5840, 34.6000

Conversions

Conversions Part 2

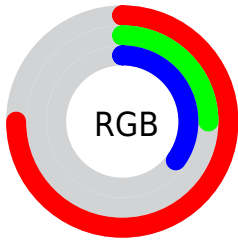
Format	Color
R _Y B	192, 64, 88
Decimal	12599384
CIE Lab	46.42, 52.74, 14.74
CIE LCh	46, 54.763, 15.611
Yxy	15.5778, 0.4889, 0.3006
Android (android.graphics.Color)	4290789464 (0xFFC04058)
YUV	105.0080, -8.3849, 76.2920
Hunter-Lab	39.4688, 45.5001, 11.2479

Details

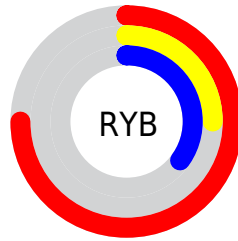
The Hex color **C04058** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **40C0A8**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FD778A**, and **85002B** is the 20% darker color. If you saturate the color by 10%, you get **C02D48**, and if you desaturate by 10%, it is **C05368**.

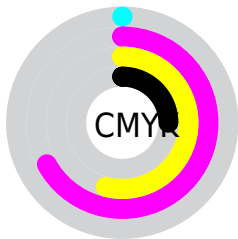
Distribution



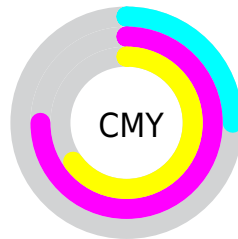
- Red (75%)
- Green (25%)
- Blue (35%)



- Red (75%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (54%)
- Black (25%)



- Cyan (25%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color C04058 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 C04058 by changing the saturation by 10% instead.

 C04058

 C04058

FFFFFF

 A22241

 FD778A

 85002B

 FF92A4

 680017

 FFAEBF

 4B0000

 FFCBDB

 300002

 FFE8F7

 000000

 C04058

 C04058

 C02D48

 C05368

 C01A39

 C06677

 C00629

 C07A87

 C00024

 C08D96

 C0A0A6

 C0B3B6

 C0C6C5

 C0DAD5

 C0EDE4

Harmonies

Analogous

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



B54386



C04058



B4502D

Triad

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



C04058



367D28



0079C7

Complementary

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



C04058



40C0A8

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.



0081AF



C04058



008256

Square

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



C04058



6E7300



008385



3B6BC7

Rectangle

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



C04058



A15D13



008385



007DC2

Sweetspot

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



C04058



FAC8D1



A640C0



7D5F65



FCFCFC



7D7D7D

Same Dimension

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



C04058



FA3257



C06640



615759



A1001E



210006

Inverse Universe

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



C04058



FA3257



409AC0



615759



A1001E



210006

Previews

White Background



This preview shows how the Hex color C04058 looks on a white background.

Color Contrast Check

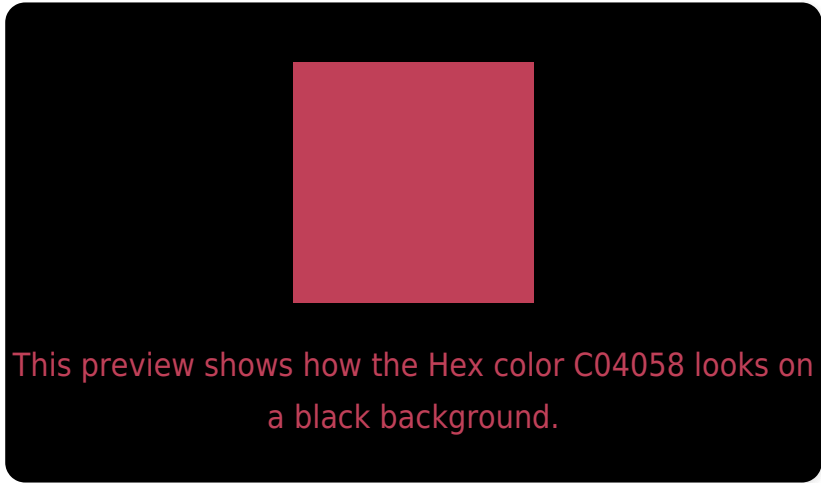
Large Text (above 18pt) WCAG AA ✓ Pass

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 C04058 Background



This preview shows how black text looks on a background with the Hex color C04058.



This preview shows how white text looks on a background with the Hex color C04058.

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

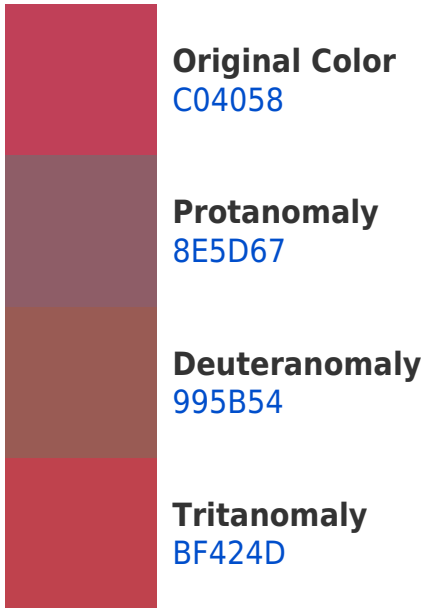


Original Color
C04058

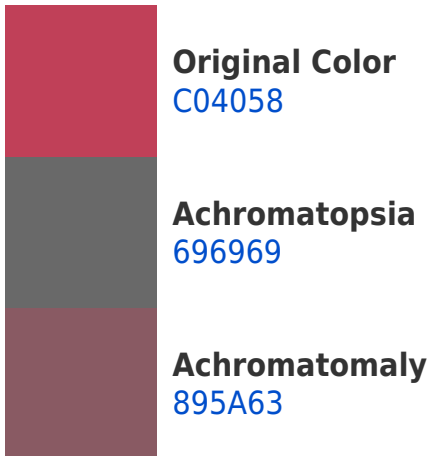
Protanopia
716E6F

Deuteranopia
836A52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C04058 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 #C04058 looks like.

```
.text, #text, p{  
    color:#C04058  
}
```

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 #C04058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C04058
}
```

Border

The CSS property to change the border of an element to Hex C04058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

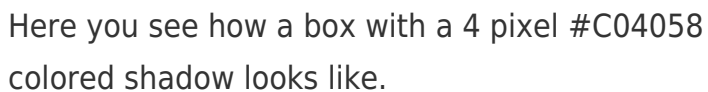
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C04058 }
```

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

```
.border{ border-color:#C04058 }
```

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



Here you see how a box with a 4 pixel `#C04058` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C04058; -webkit-box-shadow:4px 4px  
4px 4px #C04058; box-shadow:4px 4px 4px  
4px #C04058 }
```

Background

The CSS property to change the background color of an element to Hex C04058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C04058 }
```

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

```
.background{ background-color:#C04058 }
```

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