

Converting Colors

Hex(C64939)

Have a look what the booklet for
Hex(C64939) contains.

Hex(C64939)	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(C64939)

Conversions

Conversions Part 1

Format	Color
Hex	C64939
RGB	198, 73, 57
RGB Percent	78%, 29%, 22%
CMY	0.2235, 0.7137, 0.7765
CMYK	0.00, 0.63, 0.71, 0.22
HSL	7°, 55%, 50%
HSV	7°, 71%, 78%
XYZ	26.4098, 17.0663, 5.7731
YIQ	108.5510, 79.6360, 21.5240

Conversions

Conversions Part 2

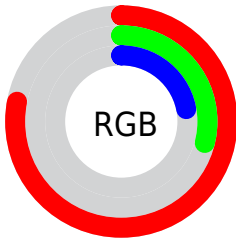
Format	Color
RYB	198, 75, 57
Decimal	12994873
CIELab	48.34, 48.93, 35.80
CIElCh	48, 60.628, 36.193
Yxy	17.0663, 0.5362, 0.3465
Android (android.graphics.Color)	4291184953 (0xFFC64939)
YUV	108.5510, -25.4146, 78.4468
Hunter-Lab	41.3113, 41.8178, 20.6324

Details

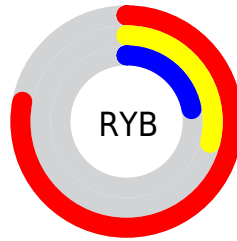
The Hex color **C64939** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **39B6C6**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7F69**, and **890B0D** is the 20% darker color. If you saturate the color by 10%, you get **C63725**, and if you desaturate by 10%, it is **C65B4D**.

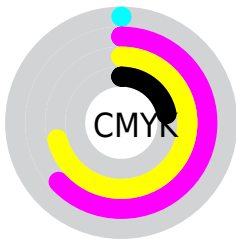
Distribution



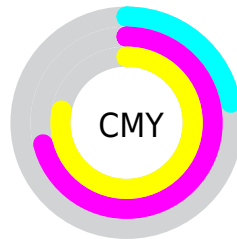
- Red (78%)
- Green (29%)
- Blue (22%)



- Red (78%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (71%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color C64939 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 C64939 by changing the saturation by 10% instead.

 C64939

 C64939

FFFFFF

 A72D23

 FF7F69

 890B0D

 FF9A82

 6B0000

 FFB69C

 4E0000

 FFD3B7

 330002

 FFF0D3

 000000

 FFFFF0

 C64939

 C64939

 C63725

 C65B4D

 C62611

 C66C61

 C61600

 C67E74

 C68F88

 C6A19C

 C6B2B0

 C6C4C4

 C6D5D7

 C6E7EB

Harmonies

Analogous

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



CD3B6A



C64939



AA6105

Triad

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



C64939



008747



0076D9

Complementary

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



C64939



39B6C6

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.



0083D1



C64939



008A7C

Square

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



C64939



4A8011



0089AE



8060C6

Rectangle

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



C64939



906E00



0089AE



007BDA

Sweetspot

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



C64939



FFD0C9



C639B8



806360



000000



808080

Same Dimension

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



C64939



FF3F26



C68E39



635B5A



A31300



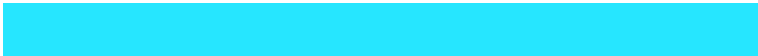
240400

Inverse Universe

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



39B6C6



26E6FF



3971C6



5A6263



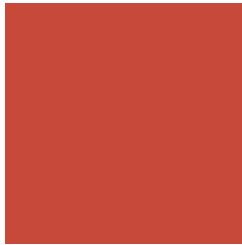
0091A3



002024

Previews

White Background



This preview shows how the Hex color C64939 looks on a white background.

Color Contrast Check

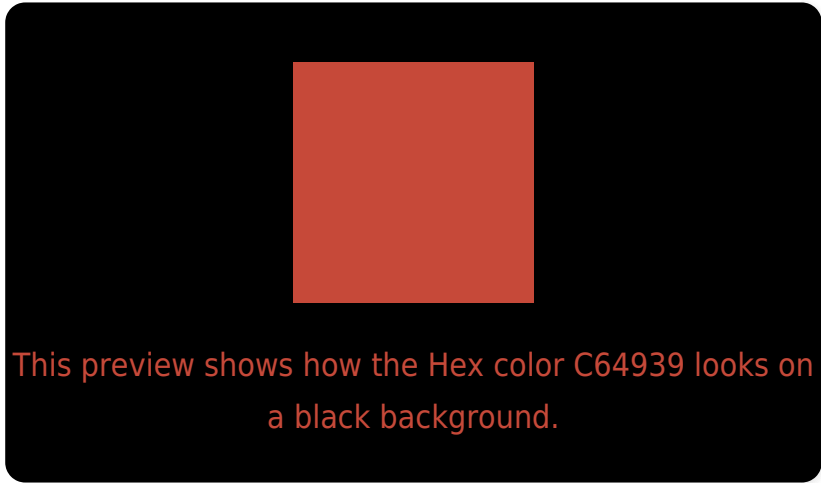
Large Text (above 18pt) WCAG AA ✓ Pass

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 C64939 Background



This preview shows how black text looks on a background with the Hex color C64939.



This preview shows how white text looks on a background with the Hex color C64939.

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
C64939

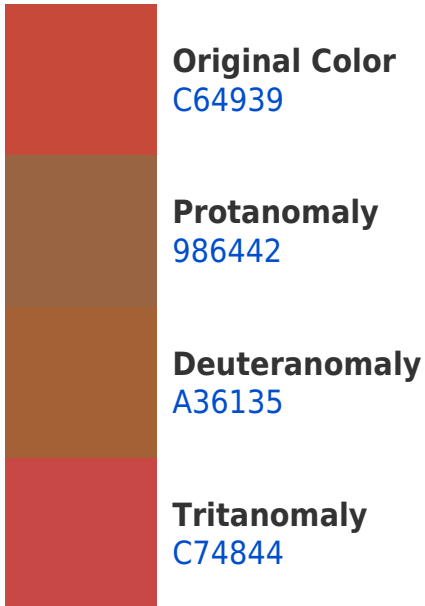
Protanopia
7E7347

Deuteranopia
8F6E32



Tritanopia
C7474B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C64939 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 #C64939 looks like.

```
.text, #text, p{  
    color:#C64939  
}
```

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 #C64939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C64939
}
```

Border

The CSS property to change the border of an element to Hex C64939 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
#C64939 }
```

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

```
.border{ border-color:#C64939 }
```

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

Here you see how a box with a 4 pixel #C64939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C64939; -webkit-box-shadow:4px 4px  
4px 4px #C64939; box-shadow:4px 4px 4px  
4px #C64939 }
```

Background

The CSS property to change the background color of an element to Hex C64939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C64939 }
```

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

```
.background{ background-color:#C64939 }
```

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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