

Converting Colors

Hex(C13845)

Have a look what the booklet for
Hex(C13845) contains.

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Color

Hex(C13845)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C13845 |
| RGB | 193, 56, 69 |
| RGB Percent | 76%, 22%, 27% |
| CMY | 0.2431, 0.7804, 0.7294 |
| CMYK | 0.00, 0.71, 0.64, 0.24 |
| HSL | 354°, 55%, 49% |
| HSV | 354°, 71%, 76% |
| XYZ | 24.4807, 14.5955, 7.1572 |
| YIQ | 98.4450, 77.4790, 33.0870 |

Conversions

Conversions Part 2

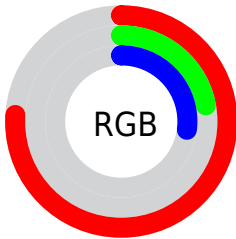
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 193, 56, 69 |
| Decimal | 12662853 |
| CIE _{Lab} | 45.08, 54.87, 24.59 |
| CIE _{LCh} | 45, 60.127, 24.136 |
| Yxy | 14.5955, 0.5295, 0.3157 |
| Android (android.graphics.Color) | 4290852933 (0xFFC13845) |
| YUV | 98.4450, -14.5164, 82.9247 |
| Hunter-Lab | 38.2040, 47.5236, 15.6354 |

Details

The Hex color **C13845** 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 **38C1B4**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7075**, and **84001A** is the 20% darker color. If you saturate the color by 10%, you get **C12534**, and if you desaturate by 10%, it is **C14B56**.

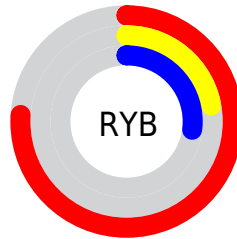
Distribution



Red (76%)

Green (22%)

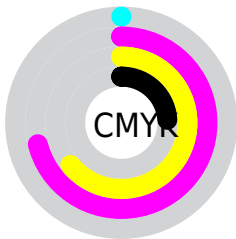
Blue (27%)



Red (76%)

Yellow (22%)

Blue (27%)

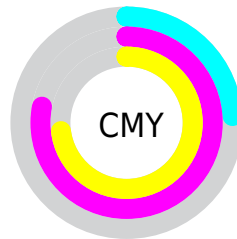


Cyan (0%)

Magenta (71%)

Yellow (64%)

Black (24%)



Cyan (24%)

Magenta (78%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13845 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 C13845 by changing the saturation by 10% instead.

 C13845

 C13845

FFFFFF

 A3172F

 FF7075

 84001A

 FF8C8F

 670000

 FFA8A9

 4A0001

 FFC4C4

 2D0002

 FFE1E0

 000000

FFFFFFD

 C13845

 C13845

 C12534

 C14B56

 C11122

 C15F68

 C10012

 C17279

 C1858B

 C1999C

 C1ACAE

 C1BFBF

 C1D2D1

 C1E6E2

Harmonies

Analogous

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



BE3377



C13845



AD4F15

Triad

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



C13845



007C2B



0074CF

Complementary

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



C13845



38C1B4

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.



007EBC



C13845



00805F

Square

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



C13845



5A7400



008192



5262C7

Rectangle

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



C13845



975F00



008192



0078CC

Sweetspot

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



C13845



FAC5CA



B338C1



7D5E61



FCFCFC



7D7D7D

Same Dimension

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



C13845



FA253A



C16F38



615758



A1000F



210003

Inverse Universe

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



C13845



FA253A



388AC1



615758



A1000F



210003

Previews

White Background



This preview shows how the Hex color C13845 looks on a white background.

Color Contrast Check

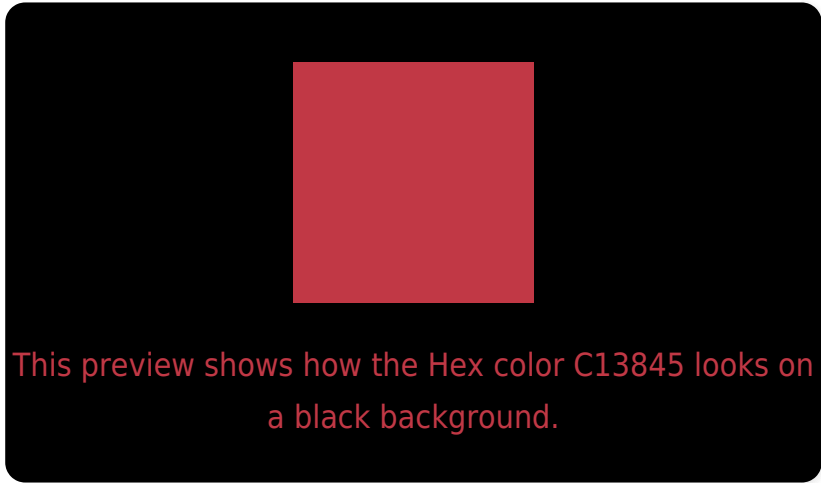
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13845 Background



This preview shows how black text looks on a background with the Hex color C13845.

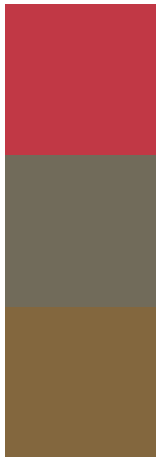


This preview shows how white text looks on a background with the Hex color C13845.

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
C13845

Protanopia
716B5A

Deuteranopia
83673E

Trichromacy



Original Color
C13845

Protanomaly
8E5852

Deuteranomaly
9A5641

Tritanomaly
C1393F

Monochromacy



Original Color
C13845

Achromatopsia
626262

Achromatomaly
855357

CSS Examples

Text

The CSS property to change the color of the text to Hex C13845 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 #C13845 looks like.

```
.text, #text, p{  
    color:#C13845  
}
```

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 #C13845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13845
}
```

Border

The CSS property to change the border of an element to Hex C13845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

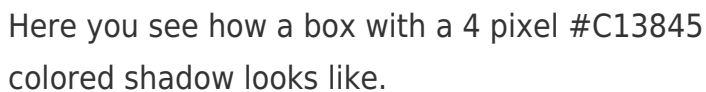
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13845 }
```

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

```
.border{ border-color:#C13845 }
```

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



Here you see how a box with a 4 pixel `#C13845` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13845; -webkit-box-shadow:4px 4px  
4px 4px #C13845; box-shadow:4px 4px 4px  
4px #C13845 }
```

Background

The CSS property to change the background color of an element to Hex C13845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13845 }
```

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

```
.background{ background-color:#C13845 }
```

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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