

Converting Colors

Hex(C13B47)

Have a look what the booklet for
Hex(C13B47) contains.

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Color

Hex(C13B47)

Conversions

Conversions Part 1

Format	Color
Hex	C13B47
RGB	193, 59, 71
RGB Percent	76%, 23%, 28%
CMY	0.2431, 0.7686, 0.7216
CMYK	0.00, 0.69, 0.63, 0.24
HSL	355°, 53%, 49%
HSV	355°, 69%, 76%
XYZ	24.6936, 14.9203, 7.5396
YIQ	100.4340, 76.0120, 32.1400

Conversions

Conversions Part 2

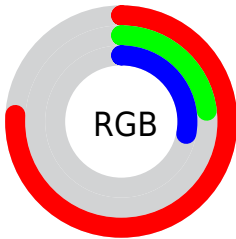
Format	Color
RYB	193, 59, 71
Decimal	12663623
CIELab	45.52, 53.85, 23.95
CIElCh	46, 58.937, 23.976
Yxy	14.9203, 0.5237, 0.3164
Android (android.graphics.Color)	4290853703 (0xFFC13B47)
YUV	100.4340, -14.5110, 81.1804
Hunter-Lab	38.6268, 46.5157, 15.4658

Details

The Hex color **C13B47** 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 **3BC1B5**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF7277**, and **85001C** is the 20% darker color. If you saturate the color by 10%, you get **C12835**, and if you desaturate by 10%, it is **C14E59**.

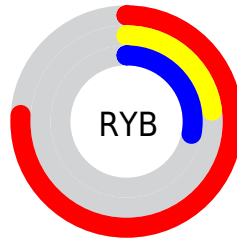
Distribution



Red (76%)

Green (23%)

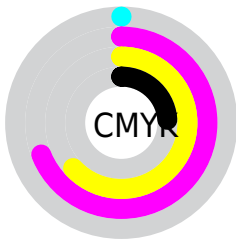
Blue (28%)



Red (76%)

Yellow (23%)

Blue (28%)

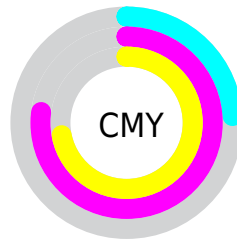


Cyan (0%)

Magenta (69%)

Yellow (63%)

Black (24%)



Cyan (24%)

Magenta (77%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13B47 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 C13B47 by changing the saturation by 10% instead.

 C13B47

 C13B47

FFFFFF

 A31B31

 FF7277

 85001C

 FF8E91

 670003

 FFAAAB

 4A0000

 FFC7C7

 2E0002

 FFE4E3

 000000

 C13B47

 C13B47

 C12835

 C14E59

 C11424

 C1626A

 C10112

 C1757C

 C10011

 C1888D

 C19C9F

 C1AFB0

 C1C2C2

 C1D5D4

 C1E9E5

Harmonies

Analogous

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



BD3778



C13B47



AE5119

Triad

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



C13B47



007D2D



0075CE

Complementary

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



C13B47



3BC1B5

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.



007EBB



C13B47



008160

Square

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



C13B47



5C7500



008293



5463C7

Rectangle

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



C13B47



986000



008293



0079CB

Sweetspot

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



C13B47



FAC5CA



B43BC1



7D5E61



FCFCFC



7D7D7D

Same Dimension

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



C13B47



FA2A3D



C1713B



615758



A1000E



210003

Inverse Universe

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



C13B47



FA2A3D



3B8BC1



615758



A1000E



210003

Previews

White Background



This preview shows how the Hex color C13B47 looks on a white background.

Color Contrast Check

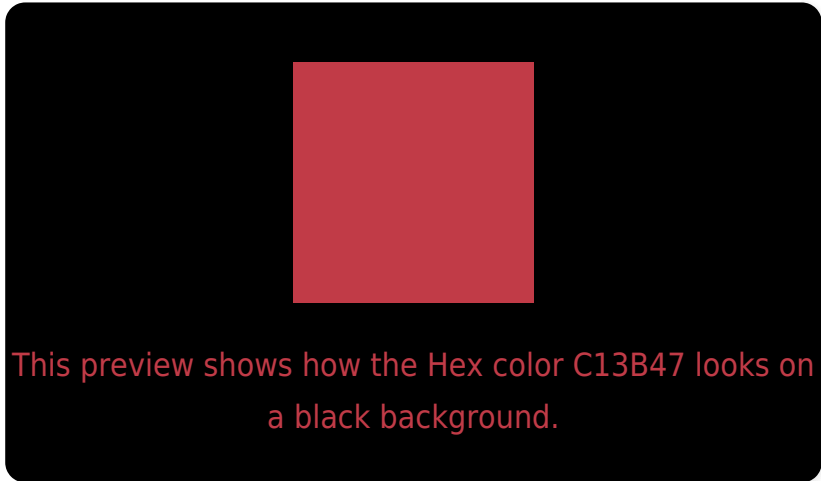
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13B47 Background



This preview shows how black text looks on a background with the Hex color C13B47.

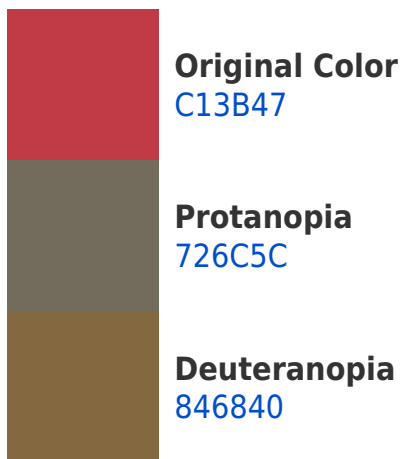


This preview shows how white text looks on a background with the Hex color C13B47.

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



Trichromacy



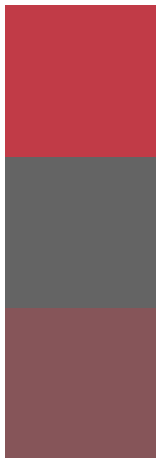
Original Color
C13B47

Protanomaly
8F5A54

Deuteranomaly
9A5843

Tritanomaly
C13C42

Monochromacy



Original Color
C13B47

Achromatopsia
646464

Achromatomaly
865559

CSS Examples

Text

The CSS property to change the color of the text to Hex C13B47 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 #C13B47 looks like.

```
.text, #text, p{  
    color:#C13B47  
}
```

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 #C13B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13B47
}
```

Border

The CSS property to change the border of an element to Hex C13B47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

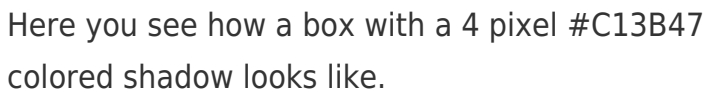
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13B47 }
```

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

```
.border{ border-color:#C13B47 }
```

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



Here you see how a box with a 4 pixel `#C13B47` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13B47; -webkit-box-shadow:4px 4px  
4px 4px #C13B47; box-shadow:4px 4px 4px  
4px #C13B47 }
```

Background

The CSS property to change the background color of an element to Hex C13B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13B47 }
```

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

```
.background{ background-color:#C13B47 }
```

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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