

Converting Colors

Hex(C13B3D)

Have a look what the booklet for
Hex(C13B3D) contains.

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Color

Hex(C13B3D)

Conversions

Conversions Part 1

Format	Color
Hex	C13B3D
RGB	193, 59, 61
RGB Percent	76%, 23%, 24%
CMY	0.2431, 0.7686, 0.7608
CMYK	0.00, 0.69, 0.68, 0.24
HSL	359°, 53%, 49%
HSV	359°, 69%, 76%
XYZ	24.3986, 14.8023, 5.9861
YIQ	99.2940, 79.2220, 29.0300

Conversions

Conversions Part 2

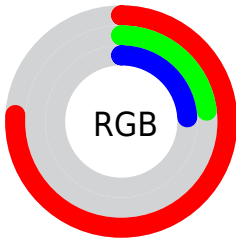
Format	Color
R_{YB}	193, 59, 61
Decimal	12663613
CIE Lab	45.36, 53.28, 29.75
CIE LCh	45, 61.020, 29.178
Yxy	14.8023, 0.5399, 0.3276
Android (android.graphics.Color)	4290853693 (0xFFC13B3D)
YUV	99.2940, -18.8789, 82.1802
Hunter-Lab	38.4738, 45.8688, 17.7068

Details

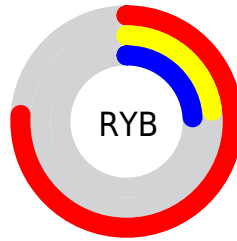
The Hex color **C13B3D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **3BC1BF**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF726D**, and **840013** is the 20% darker color. If you saturate the color by 10%, you get **C1282A**, and if you desaturate by 10%, it is **C14E50**.

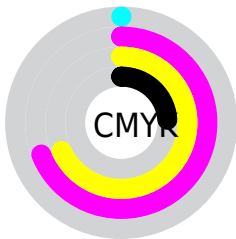
Distribution



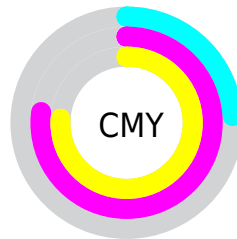
- Red (76%)
- Green (23%)
- Blue (24%)



- Red (76%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color C13B3D 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 C13B3D by changing the saturation by 10% instead.

 C13B3D

 C13B3D

FFFFFF

 A21C27

 FF726D

 840013

 FF8E86

 670000

 FFAAA0

 490000

 FFC6BB

 2D0001

 FFE3D7

 000000

 FFFFF3

 C13B3D

 C13B3D

 C1282A

 C14E50

 C11417

 C16263

 C10104

 C17576

 C10003

 C18889

 C19C9C

 C1AFAF

 C1C2C2

 C1D5D5

 C1E9E8

Harmonies

Analogous

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



C2316F



C13B3D



AA5409

Triad

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



C13B3D



007E33



0072D2

Complementary

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



C13B3D



3BC1BF

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.



007DC3



C13B3D



008268

Square

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



C13B3D



517700



00829C



645EC5

Rectangle

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



C13B3D



916200



00829C



0077D0

Sweetspot

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



C13B3D



FAC5C6



BF3BC1



7D5E5E



FCFCFC



7D7D7D

Same Dimension

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



C13B3D



FA2A2E



C17C3B



615757



A10002



210000

Inverse Universe

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



C13B3D



FA2A2E



3B80C1



615757



A10002



210000

Previews

White Background



This preview shows how the Hex color C13B3D looks on a white background.

Color Contrast Check

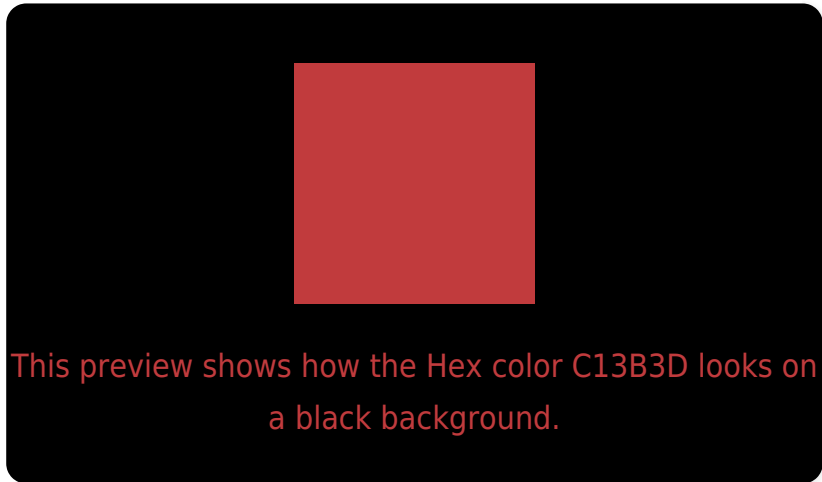
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13B3D Background



This preview shows how black text looks on a background with the Hex color C13B3D.

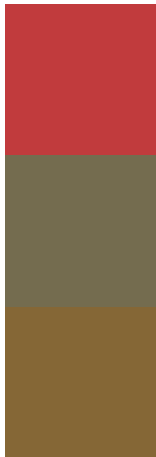


This preview shows how white text looks on a background with the Hex color C13B3D.

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
C13B3D

Protanopia
746C4F

Deuteranopia
856736



Tritanopia
C13B3E

Trichromacy



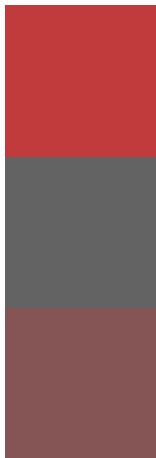
Original Color
C13B3D

Protanomaly
905A48

Deuteranomaly
9B5739

Tritanomaly
C13B3E

Monochromacy



Original Color
C13B3D

Achromatopsia
636363

Achromatomaly
855455

CSS Examples

Text

The CSS property to change the color of the text to Hex C13B3D 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 #C13B3D looks like.

```
.text, #text, p{  
    color:#C13B3D  
}
```

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 #C13B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13B3D
}
```

Border

The CSS property to change the border of an element to Hex C13B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

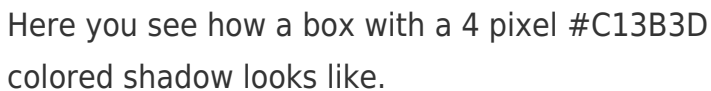
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C13B3D }
```

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

```
.border{ border-color:#C13B3D }
```

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



Here you see how a box with a 4 pixel `#C13B3D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13B3D; -webkit-box-shadow:4px 4px  
4px 4px #C13B3D; box-shadow:4px 4px 4px  
4px #C13B3D }
```

Background

The CSS property to change the background color of an element to Hex C13B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13B3D }
```

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

```
.background{ background-color:#C13B3D }
```

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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