

Converting Colors

Hex(CC1F38)

Have a look what the booklet for
Hex(CC1F38) contains.

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Color

Hex(CC1F38)

Conversions

Conversions Part 1

Format	Color
Hex	CC1F38
RGB	204, 31, 56
RGB Percent	80%, 12%, 22%
CMY	0.2000, 0.8784, 0.7804
CMYK	0.00, 0.85, 0.73, 0.20
HSL	351°, 74%, 46%
HSV	351°, 85%, 80%
XYZ	26.1056, 14.1029, 5.0876
YIQ	85.5770, 95.0830, 44.4510

Conversions

Conversions Part 2

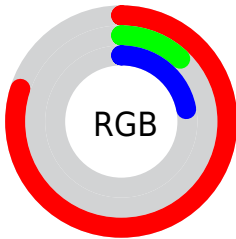
Format	Color
RYB	204, 31, 56
Decimal	13377336
CIELab	44.38, 64.75, 32.07
CIELCh	44, 72.260, 26.346
Yxy	14.1029, 0.5763, 0.3113
Android (android.graphics.Color)	4291567416 (0xFFCC1F38)
YUV	85.5770, -14.5815, 103.8570
Hunter-Lab	37.5538, 58.3657, 18.2554

Details

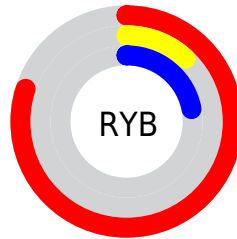
The Hex color **CC1F38** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1FCCB3**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6167**, and **8D000E** is the 20% darker color. If you saturate the color by 10%, you get **CC0B27**, and if you desaturate by 10%, it is **CC3349**.

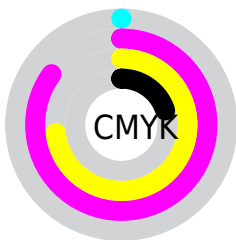
Distribution



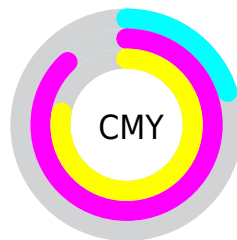
- Red (80%)
- Green (12%)
- Blue (22%)



- Red (80%)
- Yellow (12%)
- Blue (22%)



- Cyan (0%)
- Magenta (85%)
- Yellow (73%)
- Black (20%)



- Cyan (20%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC1F38 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 CC1F38 by changing the saturation by 10% instead.

 CC1F38

 CC1F38

FFFFFF

 AC0023

 FF6167

 8D000E

 FF7E80

 6E0000

 FF9A9A

 500002

 FFB7B5

 320002

 FFD5D0

 000000

 FFF2ED

 CC1F38

 CC1F38

 CC0B27

 CC3349

 CC001D

 CC485B

 CC5C6C

 CC717E

 CC858F

 CC99A1

 CCAEB2

 CCC2C4

 CCD7D5

Harmonies

Analogous

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



CC0473



CC1F38



B24800

Triad

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



CC1F38



007E1D



0073E3

Complementary

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



CC1F38



1FCCB3

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.



007FCD



CC1F38



008160

Square

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



CC1F38



4C7500



00829D



4C5CD6

Rectangle

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



CC1F38



965C00



00829D



0078DF

Sweetspot

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



CC1F38



FFBFC8



B21FCC



80595F



000000



808080

Same Dimension

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



CC1F38



FF0025



CC5C1F



665C5D



A60018



260006

Inverse Universe

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



CC1F38



FF0025



1F8FCC



665C5D



A60018



260006

Previews

White Background



This preview shows how the Hex color CC1F38 looks on a white background.

Color Contrast Check

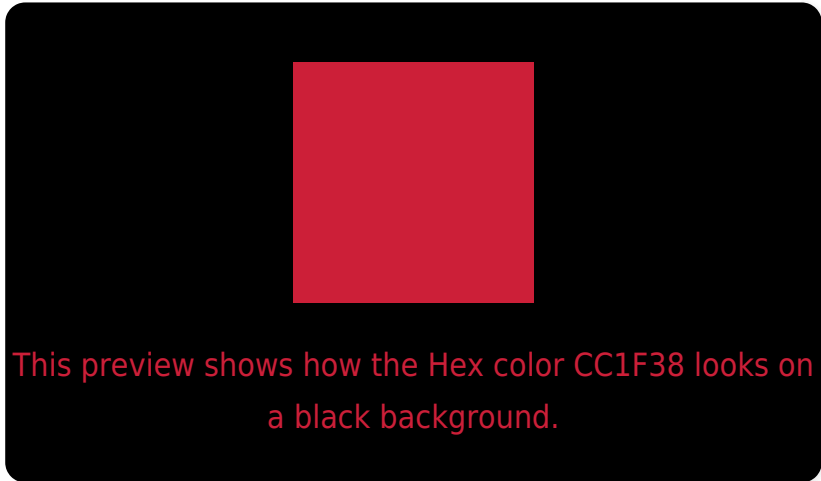
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC1F38 Background



This preview shows how black text looks on a background with the Hex color CC1F38.

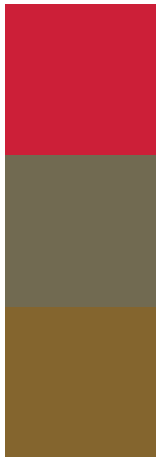


This preview shows how white text looks on a background with the Hex color CC1F38.

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
CC1F38

Protanopia
716A51

Deuteranopia
84652E

Trichromacy



Original Color
CC1F38

Protanomaly
924F48

Deuteranomaly
9E4C32

Tritanomaly
CB222B

Monochromacy



Original Color
CC1F38

Achromatopsia
565656

Achromatomaly
81424B

CSS Examples

Text

The CSS property to change the color of the text to Hex CC1F38 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 #CC1F38 looks like.

```
.text, #text, p{  
    color:#CC1F38  
}
```

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 #CC1F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC1F38
}
```

Border

The CSS property to change the border of an element to Hex CC1F38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

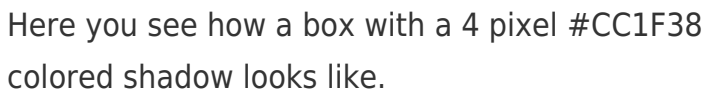
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC1F38 }
```

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

```
.border{ border-color:#CC1F38 }
```

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



Here you see how a box with a 4 pixel `#CC1F38` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC1F38; -webkit-box-shadow:4px 4px  
4px 4px #CC1F38; box-shadow:4px 4px 4px  
4px #CC1F38 }
```

Background

The CSS property to change the background color of an element to Hex CC1F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC1F38 }
```

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

```
.background{ background-color:#CC1F38 }
```

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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