

Converting Colors

Hex(CD1B40)

Have a look what the booklet for
Hex(CD1B40) contains.

Hex(CD1B40)	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(CD1B40)

Conversions

Conversions Part 1

Format	Color
Hex	CD1B40
RGB	205, 27, 64
RGB Percent	80%, 11%, 25%
CMY	0.1961, 0.8941, 0.7490
CMYK	0.00, 0.87, 0.69, 0.20
HSL	348°, 77%, 45%
HSV	348°, 87%, 80%
XYZ	26.4942, 14.1332, 6.1821
YIQ	84.4400, 94.2110, 49.2430

Conversions

Conversions Part 2

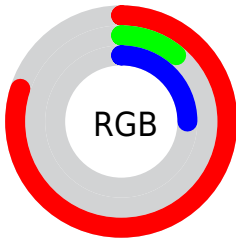
Format	Color
RYB	205, 27, 64
Decimal	13441856
CIELab	44.42, 66.17, 27.31
CIElCh	44, 71.587, 22.425
Yxy	14.1332, 0.5660, 0.3019
Android (android.graphics.Color)	4291631936 (0xFFCD1B40)
YUV	84.4400, -10.0769, 105.7311
Hunter-Lab	37.5941, 60.0070, 16.5661

Details

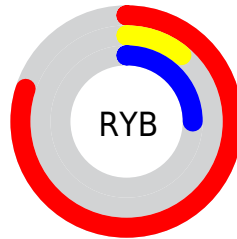
The Hex color **CD1B40** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1BCDA8**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F6F**, and **8E0016** is the 20% darker color. If you saturate the color by 10%, you get **CD0630**, and if you desaturate by 10%, it is **CD2F50**.

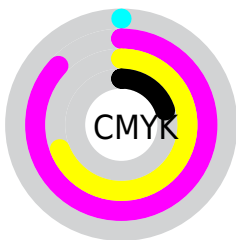
Distribution



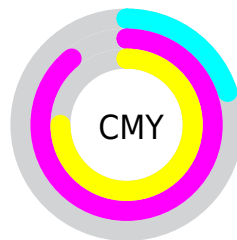
- Red (80%)
- Green (11%)
- Blue (25%)



- Red (80%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (87%)
- Yellow (69%)
- Black (20%)



- Cyan (20%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD1B40 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 CD1B40 by changing the saturation by 10% instead.

 CD1B40

 CD1B40

FFFFFF

 AE002A

 FF5F6F

 8E0016

 FF7C89

 700000

 FF99A3

 510002

 FFB6BE

 340002

 FFD4DA

 000000

 FFF1F6

 CD1B40

 CD1B40

 CD0630

 CD2F50

 CD002B

 CD4460

 CD5871

 CD6D81

 CD8291

 CD96A1

 CDABB2

 CDBFC2

 CDD3D2

Harmonies

Analogous

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



C8107B



CD1B40



B64400

Triad

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



CD1B40



007D13



0075E1

Complementary

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



CD1B40



1BCDA8

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.



007FC8



CD1B40



008157

Square

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



CD1B40



557300



008295



3460D9

Rectangle

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



CD1B40



9C5900



008295



007ADC

Sweetspot

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



CD1B40



FFBDCA



A61BCD



805860



000000



808080

Same Dimension

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



CD1B40



FF0035



CD4D1B



665C5E



A60022



260008

Inverse Universe

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



CD1B40



FF0035



1B9BCD



665C5E



A60022



260008

Previews

White Background



This preview shows how the Hex color CD1B40 looks on a white background.

Color Contrast Check

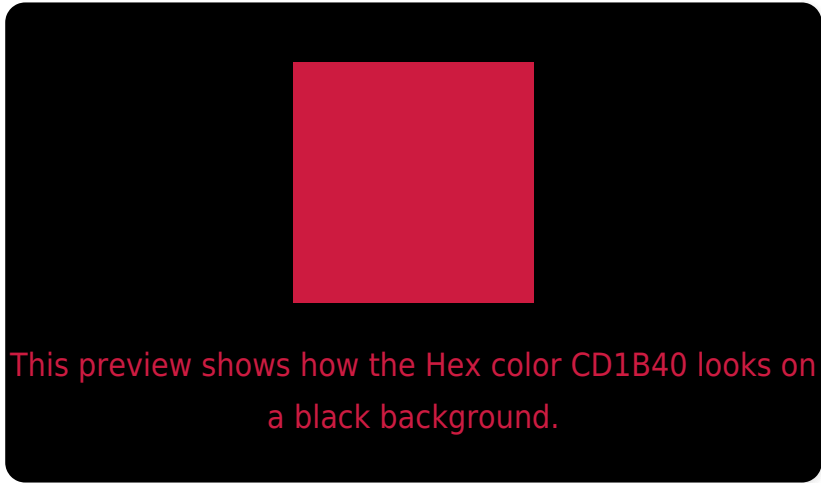
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD1B40 Background



This preview shows how black text looks on a background with the Hex color CD1B40.

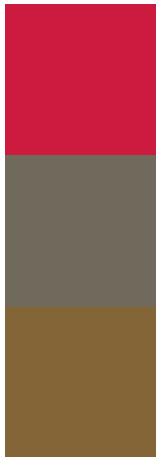


This preview shows how white text looks on a background with the Hex color CD1B40.

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

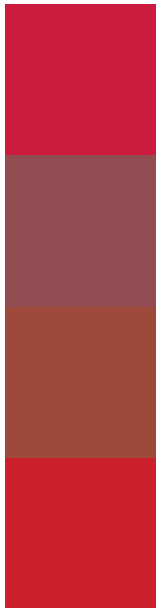


Original Color
CD1B40

Protanopia
6F6A5C

Deuteranopia
836537

Trichromacy



Original Color
CD1B40

Protanomaly
914D52

Deuteranomaly
9E4A3A

Tritanomaly
CC202D

Monochromacy



Original Color
CD1B40

Achromatopsia
545454

Achromatomaly
803F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex CD1B40 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 #CD1B40 looks like.

```
.text, #text, p{  
    color:#CD1B40  
}
```

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 #CD1B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD1B40
}
```

Border

The CSS property to change the border of an element to Hex CD1B40 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
#CD1B40 }
```

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

```
.border{ border-color:#CD1B40 }
```

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

Here you see how a box with a 4 pixel #CD1B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD1B40; -webkit-box-shadow:4px 4px  
4px 4px #CD1B40; box-shadow:4px 4px 4px  
4px #CD1B40 }
```

Background

The CSS property to change the background color of an element to Hex CD1B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD1B40 }
```

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

```
.background{ background-color:#CD1B40 }
```

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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