

Converting Colors

Hex(CB1358)

Have a look what the booklet for
Hex(CB1358) contains.

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Color

Hex(CB1358)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CB1358 |
| RGB | 203, 19, 88 |
| RGB Percent | 80%, 7%, 35% |
| CMY | 0.2039, 0.9255, 0.6549 |
| CMYK | 0.00, 0.91, 0.57, 0.20 |
| HSL | 338°, 83%, 44% |
| HSV | 338°, 91%, 80% |
| XYZ | 26.6229, 13.8668, 10.5059 |
| YIQ | 81.8820, 87.5150, 60.4670 |

Conversions

Conversions Part 2

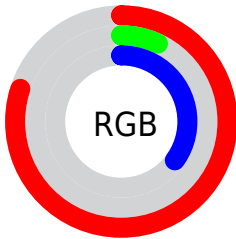
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 203, 19, 88 |
| Decimal | 13308760 |
| CIE _{Lab} | 44.04, 68.35, 11.79 |
| CIE _{LCh} | 44, 69.357, 9.785 |
| Yxy | 13.8668, 0.5221, 0.2719 |
| Android (android.graphics.Color) | 4291498840 (0xFFCB1358) |
| YUV | 81.8820, 3.0162, 106.2205 |
| Hunter-Lab | 37.2382, 62.4492, 9.3394 |

Details

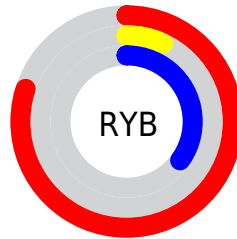
The Hex color **CB1358** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **13CB86**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5C89**, and **8E002B** is the 20% darker color. If you saturate the color by 10%, you get **CB004C**, and if you desaturate by 10%, it is **CB2765**.

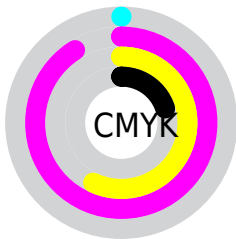
Distribution



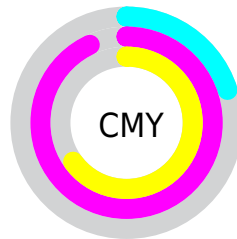
- Red (80%)
- Green (7%)
- Blue (35%)



- Red (80%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (91%)
- Yellow (57%)
- Black (20%)



- Cyan (20%)
- Magenta (93%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB1358 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 CB1358 by changing the saturation by 10% instead.

 CB1358

 CB1358

FFFFFF

 AC0041

 FF5C89

 8E002B

 FF7AA4

 6F0018

 FF97BF

 520002

 FFB4DA

 340002

 FFD1F7

 000000

 FFEFFF

 CB1358

 CB1358

 CB004C

 CB2765

 CB3C71

 CB507E

 CB648B

 CB7997

 CB8DA4

 CBA1B1

 CBB5BE

 CBCACA

Harmonies

Analogous

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



B92891



CB1358



BF3620

Triad

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



CB1358



287800



0079D5

Complementary

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



CB1358



13CB86

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.



0080B1



CB1358



007E3D

Square

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



CB1358



6E6C00



00817A



006ADB

Rectangle

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



CB1358



AB4D00



00817A



007CCC

Sweetspot

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



CB1358



FFBAD4



8413CB



805766



000000



808080

Same Dimension

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



CB1358



FF0060



CB2813



665C60



A6003E



26000E

Inverse Universe

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



CB1358



FF0060



13B6CB



665C60



A6003E



26000E

Previews

White Background



This preview shows how the Hex color CB1358 looks on a white background.

Color Contrast Check

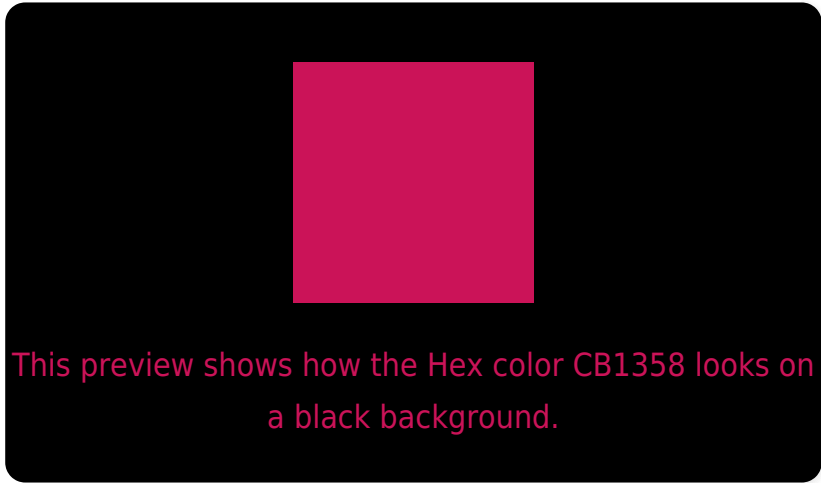
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB1358 Background



This preview shows how black text looks on a background with the Hex color CB1358.

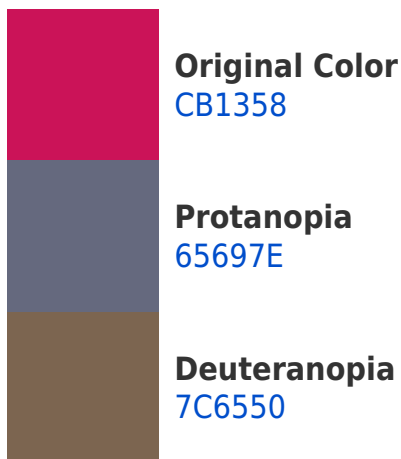


This preview shows how white text looks on a background with the Hex color CB1358.

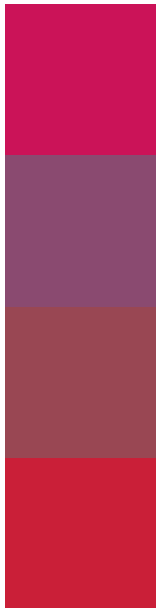
Color Blindness Simulation

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
CB1358

Protanomaly
8A4A70

Deuteranomaly
994753

Tritanomaly
CA1F38

Monochromacy



Original Color
CB1358

Achromatopsia
525252

Achromatomaly
7E3B54

CSS Examples

Text

The CSS property to change the color of the text to Hex CB1358 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 #CB1358 looks like.

```
.text, #text, p{  
    color:#CB1358  
}
```

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 #CB1358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1358
}
```

Border

The CSS property to change the border of an element to Hex CB1358 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
#CB1358 }
```

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

```
.border{ border-color:#CB1358 }
```

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

Here you see how a box with a 4 pixel #CB1358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1358; -webkit-box-shadow:4px 4px  
4px 4px #CB1358; box-shadow:4px 4px 4px  
4px #CB1358 }
```

Background

The CSS property to change the background color of an element to Hex CB1358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1358 }
```

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

```
.background{ background-color:#CB1358 }
```

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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