

Converting Colors

Hex(CB1555)

Have a look what the booklet for
Hex(CB1555) contains.

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Color

Hex(CB1555)

Conversions

Conversions Part 1

Format	Color
Hex	CB1555
RGB	203, 21, 85
RGB Percent	80%, 8%, 33%
CMY	0.2039, 0.9176, 0.6667
CMYK	0.00, 0.90, 0.58, 0.20
HSL	339°, 81%, 44%
HSV	339°, 90%, 80%
XYZ	26.5365, 13.8887, 9.8765
YIQ	82.7140, 87.9280, 58.4880

Conversions

Conversions Part 2

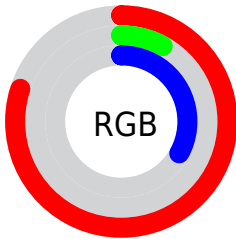
Format	Color
R_{YB}	203, 21, 85
Decimal	13309269
CIE _{Lab}	44.07, 67.86, 13.71
CIE _{LCh}	44, 69.229, 11.424
Yxy	13.8887, 0.5275, 0.2761
Android (android.graphics.Color)	4291499349 (0xFFCB1555)
YUV	82.7140, 1.1270, 105.4908
Hunter-Lab	37.2676, 61.8831, 10.3745

Details

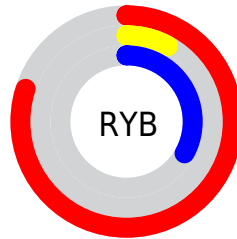
The Hex color **CB1555** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **15CB8B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5D86**, and **8D0029** is the 20% darker color. If you saturate the color by 10%, you get **CB0148**, and if you desaturate by 10%, it is **CB2962**.

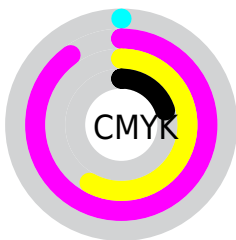
Distribution



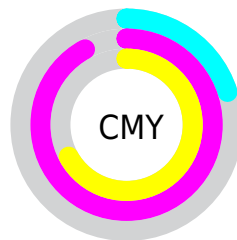
- Red (80%)
- Green (8%)
- Blue (33%)



- Red (80%)
- Yellow (8%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (58%)
- Black (20%)



- Cyan (20%)
- Magenta (92%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB1555 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 CB1555 by changing the saturation by 10% instead.

 CB1555

 CB1555

FFFFFF

 AC003E

 FF5D86

 8D0029

 FF7AA0

 6F0015

 FF97BB

 520002

 FFB4D7

 340002

 FFD2F3

 000000

 FFF0FF

 CB1555

 CB1555

 CB0148

 CB2962

 CB0047

 CB3E6F

 CB527C

 CB668A

 CB7B97

 CB8FA4

 CBA3B1

 CBB7BE

 CBCCCB

Harmonies

Analogous

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



BB278E



CB1555



BE391D

Triad

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



CB1555



227900



0079D6

Complementary

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



CB1555



15CB8B

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.



007FB4



CB1555



007E41

Square

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



CB1555



6B6D00



00817D



0068DB

Rectangle

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



CB1555



A94F00



00817D



007CCE

Sweetspot

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



CB1555



FFBAD2



8815CB



805765



000000



808080

Same Dimension

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



CB1555



FF005A



CB2D15



665C5F



A6003A



26000D

Inverse Universe

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



CB1555



FF005A



15B3CB



665C5F



A6003A



26000D

Previews

White Background



This preview shows how the Hex color CB1555 looks on a white background.

Color Contrast Check

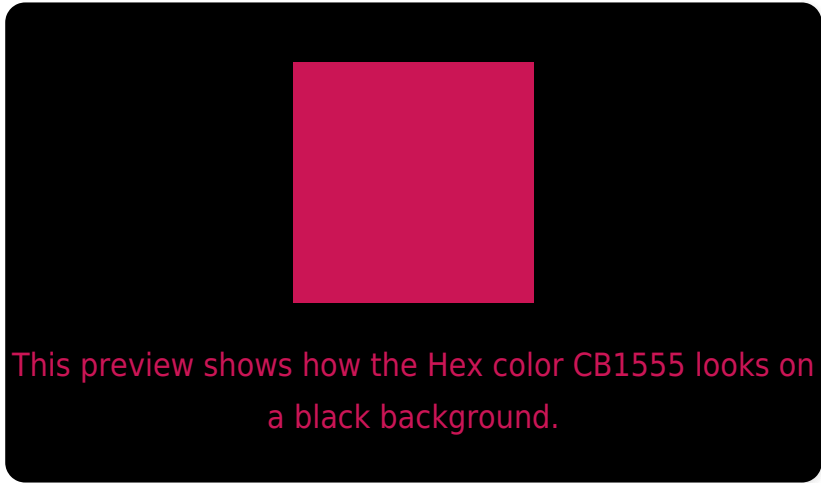
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB1555 Background



This preview shows how black text looks on a background with the Hex color CB1555.

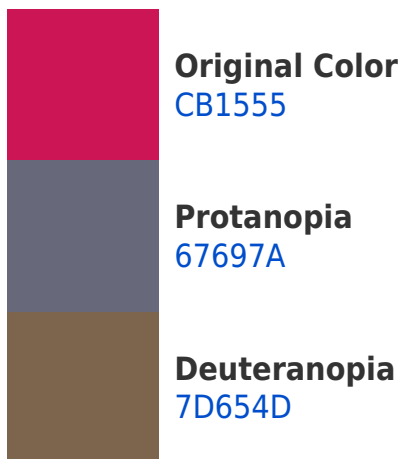


This preview shows how white text looks on a background with the Hex color CB1555.

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](#).

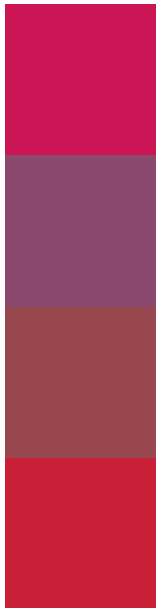
Dichromacy





Tritanopia
C92626

Trichromacy



Original Color
CB1555

Protanomaly
8B4A6D

Deuteranomaly
994850

Tritanomaly
CA2037

Monochromacy



Original Color
CB1555

Achromatopsia
535353

Achromatomaly
7F3C54

CSS Examples

Text

The CSS property to change the color of the text to Hex CB1555 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 #CB1555 looks like.

```
.text, #text, p{  
    color:#CB1555  
}
```

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 #CB1555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB1555
}
```

Border

The CSS property to change the border of an element to Hex CB1555 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
#CB1555 }
```

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

```
.border{ border-color:#CB1555 }
```

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

Here you see how a box with a 4 pixel #CB1555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB1555; -webkit-box-shadow:4px 4px  
4px 4px #CB1555; box-shadow:4px 4px 4px  
4px #CB1555 }
```

Background

The CSS property to change the background color of an element to Hex CB1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB1555 }
```

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

```
.background{ background-color:#CB1555 }
```

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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