

Converting Colors

Hex(CB0544)

Have a look what the booklet for
Hex(CB0544) contains.

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Color

Hex(CB0544)

Conversions

Conversions Part 1

Format	Color
Hex	CB0544
RGB	203, 5, 68
RGB Percent	80%, 2%, 27%
CMY	0.2039, 0.9804, 0.7333
CMYK	0.00, 0.98, 0.67, 0.20
HSL	341°, 95%, 41%
HSV	341°, 98%, 80%
XYZ	25.7263, 13.2224, 6.6651
YIQ	71.3840, 97.7850, 61.5690

Conversions

Conversions Part 2

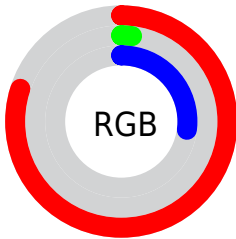
Format	Color
RYB	203, 5, 68
Decimal	13305156
CIELab	43.10, 68.71, 23.07
CIELCh	43, 72.475, 18.560
Yxy	13.2224, 0.5640, 0.2899
Android (android.graphics.Color)	4291495236 (0xFFCB0544)
YUV	71.3840, -1.6683, 115.4272
Hunter-Lab	36.3626, 62.6527, 14.5863

Details

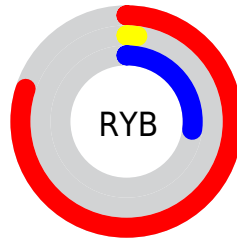
The Hex color **CB0544** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **05CB8C**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5874**, and **8C001A** is the 20% darker color. If you saturate the color by 10%, you get **CB0041**, and if you desaturate by 10%, it is **CB1952**.

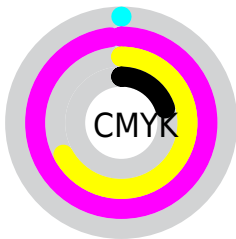
Distribution



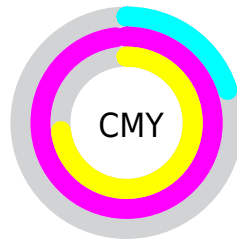
- Red (80%)
- Green (2%)
- Blue (27%)



- Red (80%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (98%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0544 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 CB0544 by changing the saturation by 10% instead.

 CB0544

 CB0544

FFFFFF

 AC002E

 FF5874

 8C001A

 FF758D

 6E0000

 FF92A7

 500003

 FFB0C3

 310002

 FFCDD E

 000000

 FFE BFB

 CB0544

 CB0544

 CB0041

 CB1952

 CB2E60

 CB426E

 CB567B

 CB6B89

 CB7F97

 CB93A5

 CBA7B3

 CBBCC1

Harmonies

Analogous

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



C2077F



CB0544



B73B01

Triad

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



CB0544



007900



0074DD

Complementary

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



CB0544



05CB8C

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.



007DC0



CB0544



007D4C

Square

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



CB0544



5A6E00



007F8B



0060D9

Rectangle

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



CB0544



9E5200



007F8B



0078D7

Sweetspot

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



CB0544



FFB5CD



8905CB



805361



000000



808080

Same Dimension

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



CB0544



FF0051



CB2605



665C5F



A60035



26000C

Inverse Universe

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



CB0544



FF0051



05AACB



665C5F



A60035



26000C

Previews

White Background



This preview shows how the Hex color CB0544 looks on a white background.

Color Contrast Check

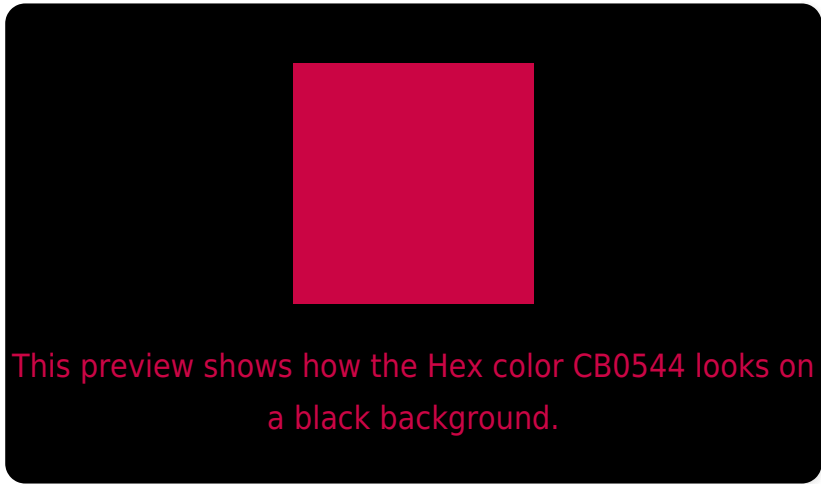
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB0544 Background



This preview shows how black text looks on a background with the Hex color CB0544.

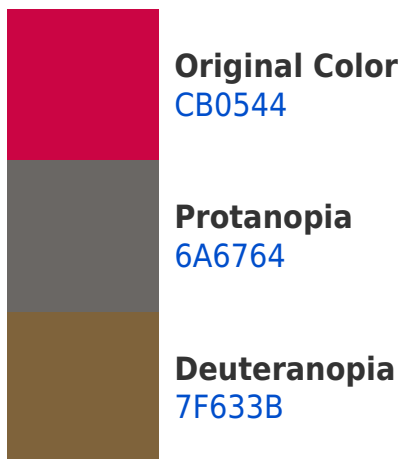


This preview shows how white text looks on a background with the Hex color CB0544.

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
CB0544



Protanomaly
8D4358



Deuteranomaly
9B413E



Tritanomaly
CA1428

Monochromacy



Original Color
CB0544



Achromatopsia
474747



Achromatomaly
772F46

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0544 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 #CB0544 looks like.

```
.text, #text, p{  
    color:#CB0544  
}
```

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 #CB0544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0544
}
```

Border

The CSS property to change the border of an element to Hex CB0544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

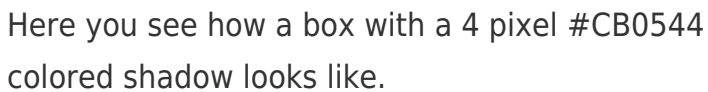
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB0544 }
```

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

```
.border{ border-color:#CB0544 }
```

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



Here you see how a box with a 4 pixel #CB0544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0544; -webkit-box-shadow:4px 4px  
4px 4px #CB0544; box-shadow:4px 4px 4px  
4px #CB0544 }
```

Background

The CSS property to change the background color of an element to Hex CB0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0544 }
```

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

```
.background{ background-color:#CB0544 }
```

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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