

Converting Colors

Hex(CB2368)

Have a look what the booklet for
Hex(CB2368) contains.

Hex(CB2368)	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(CB2368)

Conversions

Conversions Part 1

Format	Color
Hex	CB2368
RGB	203, 35, 104
RGB Percent	80%, 14%, 41%
CMY	0.2039, 0.8627, 0.5922
CMYK	0.00, 0.83, 0.49, 0.20
HSL	335°, 71%, 47%
HSV	335°, 83%, 80%
XYZ	27.7283, 14.8980, 14.5109
YIQ	93.0980, 77.9790, 57.0750

Conversions

Conversions Part 2

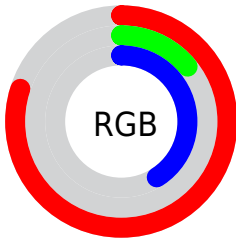
Format	Color
R_{YB}	203, 35, 104
Decimal	13312872
CIE _{Lab}	45.49, 66.55, 3.87
CIE _{LCh}	45, 66.664, 3.325
Yxy	14.8980, 0.4853, 0.2607
Android (android.graphics.Color)	4291502952 (0xFFCB2368)
YUV	93.0980, 5.3747, 96.3841
Hunter-Lab	38.5980, 60.6857, 4.7286

Details

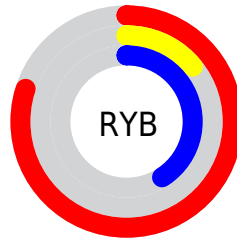
The Hex color **CB2368** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **23CB86**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF649B**, and **8F0039** is the 20% darker color. If you saturate the color by 10%, you get **CB0F5C**, and if you desaturate by 10%, it is **CB3774**.

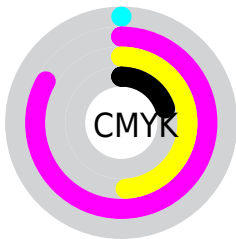
Distribution



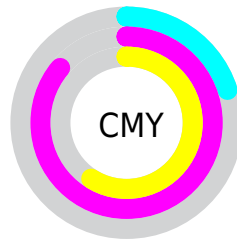
- Red (80%)
- Green (14%)
- Blue (41%)



- Red (80%)
- Yellow (14%)
- Blue (41%)



- Cyan (0%)
- Magenta (83%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (86%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB2368 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 CB2368 by changing the saturation by 10% instead.

 CB2368

 CB2368

FFFFFF

 AD0050

 FF649B

 8F0039

 FF81B6

 710024

 FF9ED1

 54000F

 FFBBED

 370002

 FFD8FF

 0A0000

 FFF6FF

 000000

 CB2368

 CB2368

 CB0F5C

 CB3774

 CB0053

 CB4C80

 CB608C

 CB7498

 CB89A4

 CB9DB0

 CBB1BC

 CBC5C8

 CBDAD4

Harmonies

Analogous

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



B2399F



CB2368



C63732

Triad

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



CB2368



437900



007ED0

Complementary

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



CB2368



23CB86

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.



0083A8



CB2368



008136

Square

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



CB2368



7D6C00



008471



0071DC

Rectangle

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



CB2368



B54C08



008471



0081C5

Sweetspot

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



CB2368



FFBFD9



8523CB



805969



000000



808080

Same Dimension

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



CB2368



FF036A



CB3123



665C60



A60044



260010

Inverse Universe

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



CB2368



FF036A



23BDCB



665C60



A60044



260010

Previews

White Background



This preview shows how the Hex color CB2368 looks on a white background.

Color Contrast Check

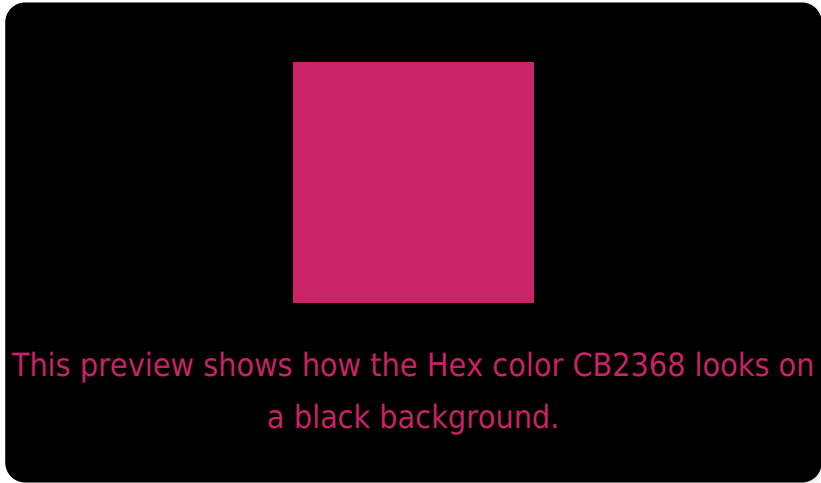
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB2368 Background



This preview shows how black text looks on a background with the Hex color CB2368.



This preview shows how white text looks on a background with the Hex color CB2368.

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](#).

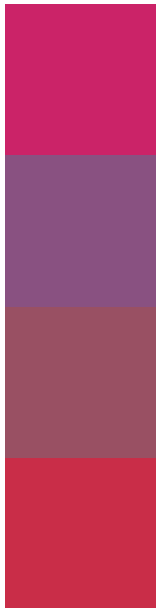
Dichromacy





Tritanopia
C83335

Trichromacy



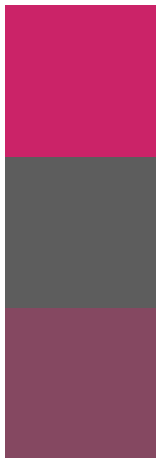
Original Color
CB2368

Protanomaly
895181

Deuteranomaly
995063

Tritanomaly
C92D48

Monochromacy



Original Color
CB2368

Achromatopsia
5D5D5D

Achromatomaly
854861

CSS Examples

Text

The CSS property to change the color of the text to Hex CB2368 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 #CB2368 looks like.

```
.text, #text, p{  
    color:#CB2368  
}
```

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 #CB2368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB2368
}
```

Border

The CSS property to change the border of an element to Hex CB2368 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
#CB2368 }
```

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

```
.border{ border-color:#CB2368 }
```

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

Here you see how a box with a 4 pixel #CB2368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB2368; -webkit-box-shadow:4px 4px  
4px 4px #CB2368; box-shadow:4px 4px 4px  
4px #CB2368 }
```

Background

The CSS property to change the background color of an element to Hex CB2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB2368 }
```

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

```
.background{ background-color:#CB2368 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor