

Converting Colors

Hex(CB2029)

Have a look what the booklet for
Hex(CB2029) contains.

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Color

Hex(CB2029)

Conversions

Conversions Part 1

Format	Color
Hex	CB2029
RGB	203, 32, 41
RGB Percent	80%, 13%, 16%
CMY	0.2039, 0.8745, 0.8392
CMYK	0.00, 0.84, 0.80, 0.20
HSL	357°, 73%, 46%
HSV	357°, 84%, 80%
XYZ	25.5454, 13.8896, 3.4324
YIQ	84.1550, 99.0270, 39.0510

Conversions

Conversions Part 2

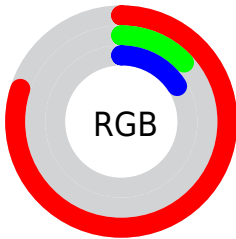
Format	Color
R_{YB}	203, 32, 41
Decimal	13312041
CIE _{Lab}	44.07, 63.73, 40.40
CIE _{LCh}	44, 75.456, 32.369
Yxy	13.8896, 0.5959, 0.3240
Android (android.graphics.Color)	4291502121 (0xFFCB2029)
YUV	84.1550, -21.2754, 104.2271
Hunter-Lab	37.2688, 57.1298, 20.6276

Details

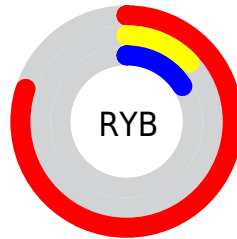
The Hex color **CB2029** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **20CBC2**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6157**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CB0C16**, and if you desaturate by 10%, it is **CB343C**.

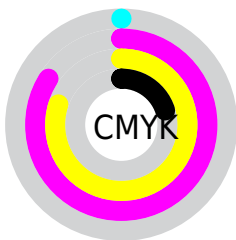
Distribution



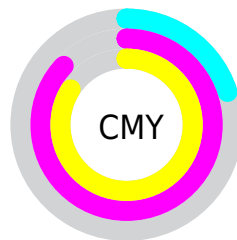
- Red (80%)
- Green (13%)
- Blue (16%)



- Red (80%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (80%)
- Black (20%)



- Cyan (20%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB2029 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 CB2029 by changing the saturation by 10% instead.

 CB2029

 CB2029

FFFFFF

 AB0014

 FF6157

 8C0000

 FF7D70

 6C0000

 FF9A8A

 4E0002

 FFB7A4

 310002

 FFD4BF

 000000

 FFF2DB

 FFFFF8

 CB2029

 CB2029

 CB0C16

 CB343C

 CB000B

 CB494F

 CB5D63

 CB7176

 CB8689

 CB9A9C

 CBAEB0

 CBC2C3

 CBD7D6

Harmonies

Analogous

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



D10066



CB2029



AB4D00

Triad

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



CB2029



007E28



006FE8

Complementary

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



CB2029



20CBC2

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.



007DD8



CB2029



00826C

Square

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



CB2029



387700



0082AA



6554D4

Rectangle

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



CB2029



8D6000



0082AA



0075E6

Sweetspot

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



CB2029



FFBFC3



C020CB



80595B



000000



808080

Same Dimension

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



CB2029



FF000D



CB6A20



665C5C



A60009



260002

Inverse Universe

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



CB2029



FF000D



2081CB



665C5C



A60009



260002

Previews

White Background



This preview shows how the Hex color CB2029 looks on a white background.

Color Contrast Check

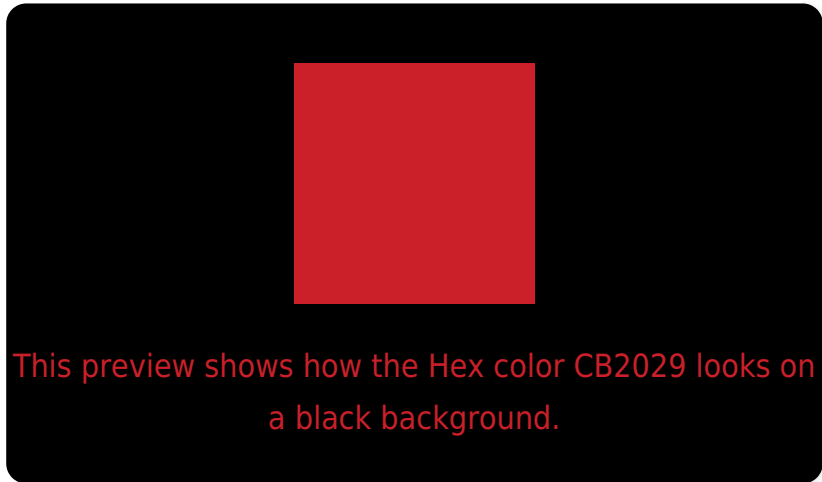
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB2029 Background



This preview shows how black text looks on a background with the Hex color CB2029.



This preview shows how white text looks on a background with the Hex color CB2029.

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
CB2029

Protanopia
73693D

Deuteranopia
84641B

Trichromacy



Original Color
CB2029

Protanomaly
934E36

Deuteranomaly
9E4B20

Tritanomaly
CB2123

Monochromacy



Original Color
CB2029

Achromatopsia
545454

Achromatomaly
7F4144

CSS Examples

Text

The CSS property to change the color of the text to Hex CB2029 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 #CB2029 looks like.

```
.text, #text, p{  
    color:#CB2029  
}
```

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 #CB2029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB2029
}
```

Border

The CSS property to change the border of an element to Hex CB2029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

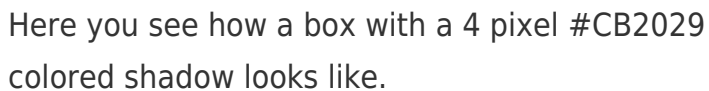
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB2029 }
```

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

```
.border{ border-color:#CB2029 }
```

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



Here you see how a box with a 4 pixel #CB2029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB2029; -webkit-box-shadow:4px 4px  
4px 4px #CB2029; box-shadow:4px 4px 4px  
4px #CB2029 }
```

Background

The CSS property to change the background color of an element to Hex CB2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB2029 }
```

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

```
.background{ background-color:#CB2029 }
```

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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