

Converting Colors

Hex(CB2028)

Have a look what the booklet for
Hex(CB2028) contains.

Hex(CB2028) 3

Conversions 4

Details 6

Harmonies 11

Previews 23

Color Blindness Simulation 26

CSS Examples 29

Color

Hex(CB2028)

Conversions

Conversions Part 1	
Format	Color
Hex	CB2028
RGB	203, 32, 40
RGB Percent	80%, 13%, 16%
CMY	0.2039, 0.8745, 0.8431
CMYK	0.00, 0.84, 0.80, 0.20
HSL	357°, 73%, 46%
HSV	357°, 84%, 80%
XYZ	25.5281, 13.8827, 3.3416
YIQ	84.0410, 99.3480, 38.7400

Conversions

Conversions Part 2

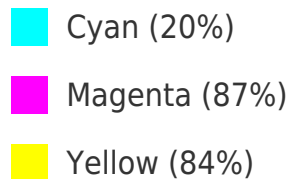
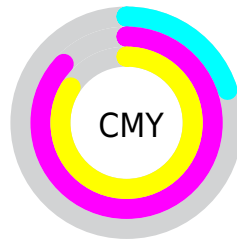
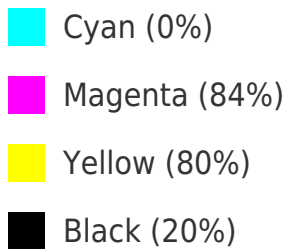
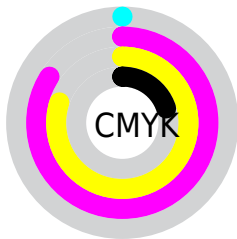
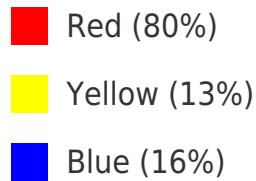
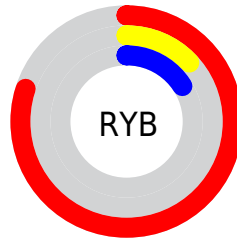
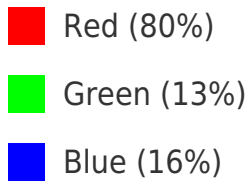
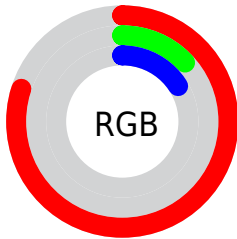
Format	Color
RYB	203, 32, 40
Decimal	13312040
CIELab	44.06, 63.70, 40.94
CIELCh	44, 75.724, 32.729
Yxy	13.8827, 0.5971, 0.3247
Android (android.graphics.Color)	4291502120 (0xFFFCB2028)
YUV	84.0410, -21.7122, 104.3270
Hunter-Lab	37.2595, 57.0938, 20.7642

Details

The Hex color **CB2028** 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 **20CBC3**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6156**, and **8C0000** is the 20% darker color. If you saturate the color by 10%, you get **CB0C15**, and if you desaturate by 10%, it is **CB343B**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color CB2028 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 CB2028 by changing the saturation by 10% instead.

 CB2028

FFFFFF

 FF6156

 FF7D6F

 FF9A89

 FFB7A3

 FFD4BE

 FFF2DA

 FFFFF7


 CB2028

 AB0013

 8C0000

 6C0000

 4E0002

 310002

 000000

 CB2028

 CB2028

 CB0C15

 CB343B

 CB0009

 CB494F

 CB5D62

 CB7175

 CB8689

 CB9A9C

 CBAEAF

 CBC2C3

 CBD7D6

Harmonies

Analogous

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



D20065



CB2028



AB4D00

Triad

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



CB2028



007F28



006FE8

Complementary

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



CB2028



20CBC3

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.



007DD9



CB2028



00826C

Square

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



CB2028



367700



0082AB



6654D4

Rectangle

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



CB2028



8C6000



0082AB



0075E7

Sweetspot

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



CB2028



FFBFC2



C220CB



80595B



000000



808080

Same Dimension

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



CB2028



FF000C



CB6D20



665C5C



A60008



260002

Inverse Universe

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



CB2028



FF000C



207ECB



665C5C



A60008



260002

Previews

White Background



This preview shows how the Hex color CB2028 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



This preview shows how the Hex color CB2028 looks on a 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 CB2028 Background



This preview shows how black text looks on a background with the Hex color CB2028.



This preview shows how white text looks on a background with the Hex color CB2028.

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
CB2028

Protanopia
74693C

Deuteranopia
846419



Tritanopia
CB2120

Trichromacy

	Original Color CB2028
	Protanomaly 944E35
	Deuteranomaly 9E4B1E
	Tritanomaly CB2123

Monochromacy

	Original Color CB2028
	Achromatopsia 545454
	Achromatomaly 7F4144

CSS Examples

Text

The CSS property to change the color of the text to Hex CB2028 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 #CB2028 looks like.

```
.text, #text, p{  
    color:#CB2028  
}
```

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 #CB2028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB2028
}
```

Border

The CSS property to change the border of an element to Hex CB2028 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
#CB2028 }
```

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

```
.border{ border-color:#CB2028 }
```

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

Here you see how a box with a 4 pixel #CB2028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB2028; -webkit-box-shadow:4px 4px  
4px 4px #CB2028; box-shadow:4px 4px 4px  
4px #CB2028 }
```

Background

The CSS property to change the background color of an element to Hex CB2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB2028 }
```

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

```
.background{ background-color:#CB2028 }
```

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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