

Converting Colors

Hex(C90230)

Have a look what the booklet for
Hex(C90230) contains.

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Color

Hex(C90230)

Conversions

Conversions Part 1

Format	Color
Hex	C90230
RGB	201, 2, 48
RGB Percent	79%, 1%, 19%
CMY	0.2118, 0.9922, 0.8118
CMYK	0.00, 0.99, 0.76, 0.21
HSL	346°, 98%, 40%
HSV	346°, 99%, 79%
XYZ	24.6426, 12.6743, 3.9439
YIQ	66.7450, 103.8380, 56.4940

Conversions

Conversions Part 2

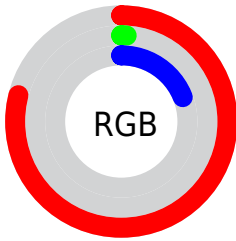
Format	Color
RYB	201, 2, 48
Decimal	13173296
CIELab	42.27, 67.67, 34.29
CIElCh	42, 75.860, 26.872
Yxy	12.6743, 0.5972, 0.3072
Android (android.graphics.Color)	4291363376 (0xFFC90230)
YUV	66.7450, -9.2413, 117.7416
Hunter-Lab	35.6010, 61.2538, 18.3526

Details

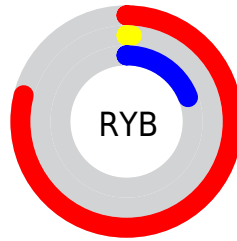
The Hex color **C90230** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02C99B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF565E**, and **8A0003** is the 20% darker color. If you saturate the color by 10%, you get **C9002E**, and if you desaturate by 10%, it is **C9163F**.

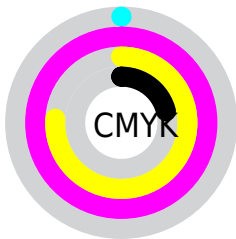
Distribution



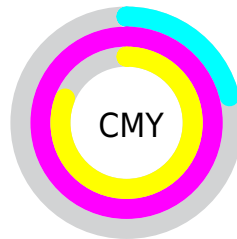
- Red (79%)
- Green (1%)
- Blue (19%)



- Red (79%)
- Yellow (1%)
- Blue (19%)



- Cyan (0%)
- Magenta (99%)
- Yellow (76%)
- Black (21%)



- Cyan (21%)
- Magenta (99%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color C90230 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 C90230 by changing the saturation by 10% instead.

 C90230

 C90230

FFFFFF

 A9001B

 FF565E

 8A0003

 FF7377

 6A0000

 FF9091

 4D0003

 FFAEAB

 2E0002

 FFCBC6

 000000

 FFE9E2

 C90230

 C90230

 C9002E

 C9163F

 C92A4F

 C93E5E

 C9526E

 C9677D

 C97B8D

 C98F9C

 C9A3AC

 C9B7BB

Harmonies

Analogous

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



CA006D



C90230



AD4100

Triad

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



C90230



007913



006FE3

Complementary

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



C90230



02C99B

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.



007ACD



C90230



007C5B

Square

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



C90230



427000



007D9B



4356D5

Rectangle

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



C90230



915700



007D9B



0074E0

Sweetspot

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



C90230



FFB3C4



9B02C9



80525C



000000



808080

Same Dimension

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



C90230



FF003B



C93702



635A5C



A30026



240008

Inverse Universe

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



C90230



FF003B



0294C9



635A5C



A30026



240008

Previews

White Background



This preview shows how the Hex color C90230 looks on a white background.

Color Contrast Check

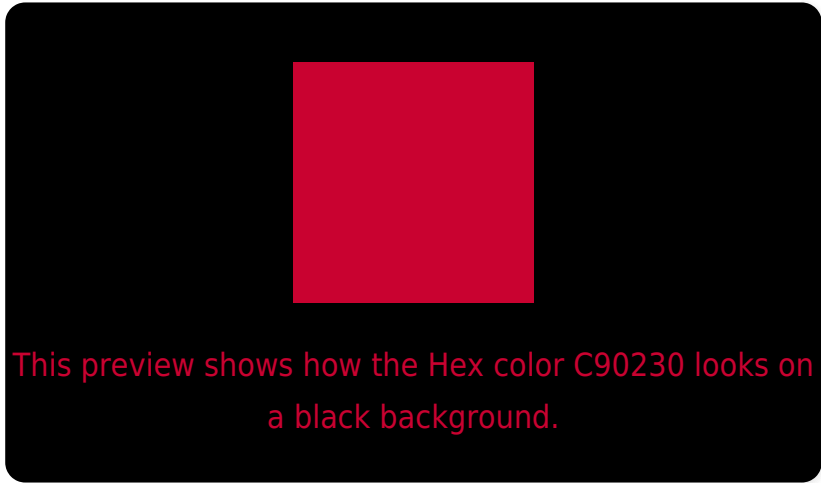
Large Text (above 18pt) WCAG AA ✓ Pass

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 C90230 Background



This preview shows how black text looks on a background with the Hex color C90230.



This preview shows how white text looks on a background with the Hex color C90230.

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
C90230

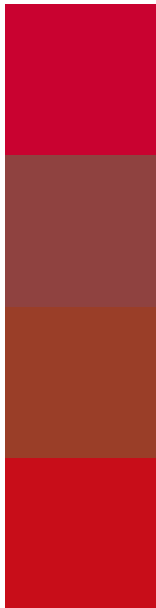
Protanopia
6E6649

Deuteranopia
7F6124



Tritanopia
C8140C

Trichromacy



Original Color
C90230

Protanomaly
8F4240

Deuteranomaly
9A3E28

Tritanomaly
C80D19

Monochromacy



Original Color
C90230

Achromatopsia
434343

Achromatomaly
742B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex C90230 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 #C90230 looks like.

```
.text, #text, p{  
    color:#C90230  
}
```

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 #C90230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90230
}
```

Border

The CSS property to change the border of an element to Hex C90230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

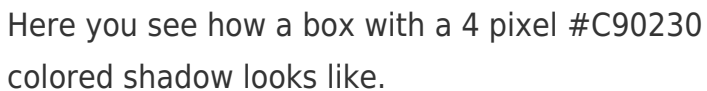
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C90230 }
```

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

```
.border{ border-color:#C90230 }
```

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



Here you see how a box with a 4 pixel `#C90230` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90230; -webkit-box-shadow:4px 4px  
4px 4px #C90230; box-shadow:4px 4px 4px  
4px #C90230 }
```

Background

The CSS property to change the background color of an element to Hex C90230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90230 }
```

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

```
.background{ background-color:#C90230 }
```

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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