

Converting Colors

Hex(C20A33)

Have a look what the booklet for
Hex(C20A33) contains.

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Color

Hex(C20A33)

Conversions

Conversions Part 1

Format	Color
Hex	C20A33
RGB	194, 10, 51
RGB Percent	76%, 4%, 20%
CMY	0.2392, 0.9608, 0.8000
CMYK	0.00, 0.95, 0.74, 0.24
HSL	347°, 90%, 40%
HSV	347°, 95%, 76%
XYZ	22.9542, 11.9254, 4.2240
YIQ	69.6900, 96.5030, 51.7590

Conversions

Conversions Part 2

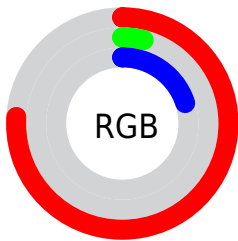
Format	Color
RYB	194, 10, 51
Decimal	12716595
CIELab	41.10, 65.26, 30.74
CIElCh	41, 72.139, 25.221
Yxy	11.9254, 0.5870, 0.3050
Android (android.graphics.Color)	4290906675 (0xFFC20A33)
YUV	69.6900, -9.2142, 109.0199
Hunter-Lab	34.5332, 58.2157, 16.9211

Details

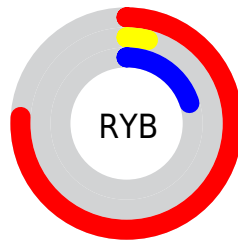
The Hex color **C20A33** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0AC299**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5661**, and **840008** is the 20% darker color. If you saturate the color by 10%, you get **C2002B**, and if you desaturate by 10%, it is **C21D42**.

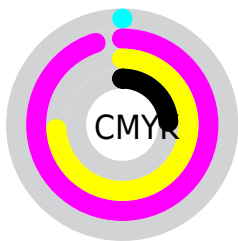
Distribution



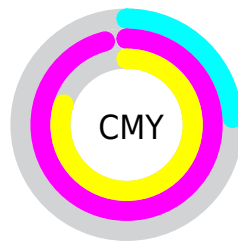
- Red (76%)
- Green (4%)
- Blue (20%)



- Red (76%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (95%)
- Yellow (74%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C20A33 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 C20A33 by changing the saturation by 10% instead.

 C20A33

 C20A33

FFFFFF

 A3001E

 FF5661

 840008

 FF747A

 650000

 FF9094

 480003

 FFADAE

 280001

 FFCACA

 000000

 FFE8E6

 C20A33

 C20A33

 C2002B

 C21D42

 C23151

 C24460

 C2586F

 C26B7E

 C27E8D

 C2929D

 C2A5AC

 C2B9BB

Harmonies

Analogous

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



C1006D



C20A33



A93F00

Triad

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



C20A33



007511



006CD9

Complementary

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



C20A33



0AC299

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.



0076C3



C20A33



007855

Square

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



C20A33



466C00



007992



3A56CE

Rectangle

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



C20A33



8E5300



007992



0071D5

Sweetspot

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



C20A33



FCB6C6



970AC2



80545E



000000



808080

Same Dimension

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



C20A33



FC0038



C23B0A



615759



A10024



210007

Inverse Universe

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



C20A33



FC0038



0A91C2



615759



A10024



210007

Previews

White Background



This preview shows how the Hex color C20A33 looks on a white background.

Color Contrast Check

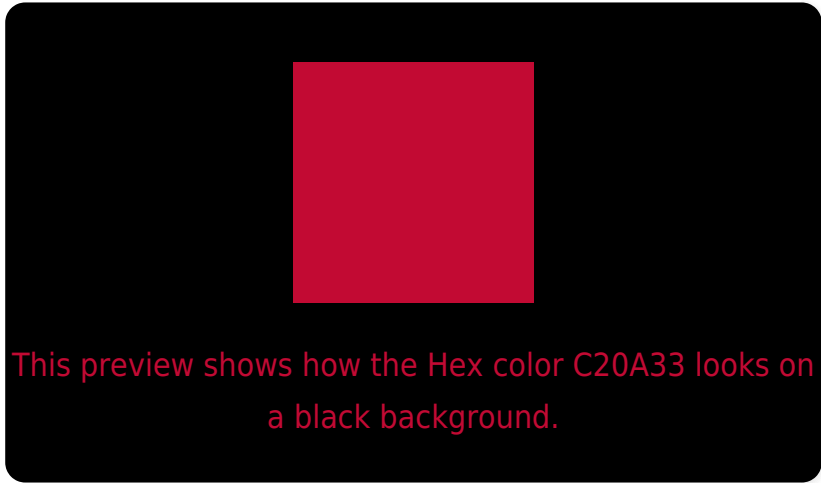
Large Text (above 18pt) WCAG AA ✓ Pass

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 C20A33 Background



This preview shows how black text looks on a background with the Hex color C20A33.



This preview shows how white text looks on a background with the Hex color C20A33.

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
C20A33

Protanopia
69634C

Deuteranopia
7B5E29



Tritanopia
C11711

Trichromacy



Original Color
C20A33

Protanomaly
894343

Deuteranomaly
953F2D

Tritanomaly
C1121D

Monochromacy



Original Color
C20A33

Achromatopsia
464646

Achromatomaly
73303F

CSS Examples

Text

The CSS property to change the color of the text to Hex C20A33 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 #C20A33 looks like.

```
.text, #text, p{  
    color:#C20A33  
}
```

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 #C20A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C20A33
}
```

Border

The CSS property to change the border of an element to Hex C20A33 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
#C20A33 }
```

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

```
.border{ border-color:#C20A33 }
```

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

Here you see how a box with a 4 pixel #C20A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C20A33; -webkit-box-shadow:4px 4px  
4px 4px #C20A33; box-shadow:4px 4px 4px  
4px #C20A33 }
```

Background

The CSS property to change the background color of an element to Hex C20A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C20A33 }
```

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

```
.background{ background-color:#C20A33 }
```

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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