

Converting Colors

Hex(C90E33)

Have a look what the booklet for
Hex(C90E33) contains.

Hex(C90E33)	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(C90E33)

Conversions

Conversions Part 1

Format	Color
Hex	C90E33
RGB	201, 14, 51
RGB Percent	79%, 5%, 20%
CMY	0.2118, 0.9451, 0.8000
CMYK	0.00, 0.93, 0.75, 0.21
HSL	348°, 87%, 42%
HSV	348°, 93%, 79%
XYZ	24.8420, 12.9706, 4.3262
YIQ	74.1310, 99.5750, 51.1510

Conversions

Conversions Part 2

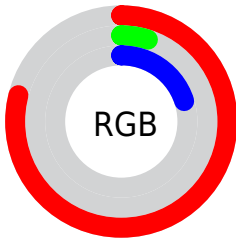
Format	Color
R_{YB}	201, 14, 51
Decimal	13176371
CIE _{Lab}	42.72, 66.58, 32.99
CIE _{LCh}	43, 74.310, 26.359
Yxy	12.9706, 0.5895, 0.3078
Android (android.graphics.Color)	4291366451 (0xFFC90E33)
YUV	74.1310, -11.4036, 111.2641
Hunter-Lab	36.0147, 60.0987, 18.0882

Details

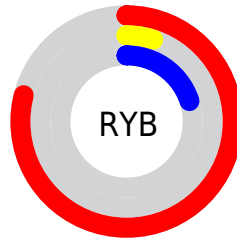
The Hex color **C90E33** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0EC9A4**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5961**, and **8A0008** is the 20% darker color. If you saturate the color by 10%, you get **C90028**, and if you desaturate by 10%, it is **C92243**.

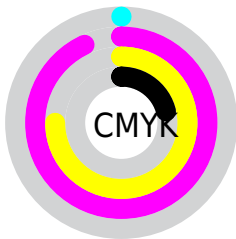
Distribution



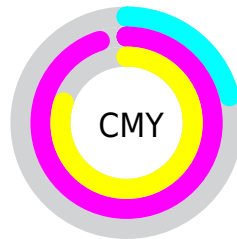
- Red (79%)
- Green (5%)
- Blue (20%)



- Red (79%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (93%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color C90E33 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 C90E33 by changing the saturation by 10% instead.

 C90E33

 C90E33

FFFFFF

 A9001E

 FF5961

 8A0008

 FF767A

 6B0000

 FF9394

 4D0002

 FFB0AF

 2E0002

 FFCECA

 000000

 FFEBE6

 C90E33

 C90E33

 C90028

 C92243

 C93653

 C94A63

 C95E73

 C97284

 C98794

 C99BA4

 C9AFB4

 C9C3C4

Harmonies

Analogous

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



C9006F



C90E33



AE4300

Triad

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



C90E33



007A15



0070E1

Complementary

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



C90E33



0EC9A4

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.



007BCC



C90E33



007D5B

Square

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



C90E33



467100



007E9A



4358D5

Rectangle

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



C90E33



925800



007E9A



0075DE

Sweetspot

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



C90E33



FFB8C6



A40EC9



80545D



000000



808080

Same Dimension

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



C90E33



FF0032



C9460E



635A5B



A30020



240007

Inverse Universe

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



C90E33



FF0032



0E91C9



635A5B



A30020



240007

Previews

White Background



This preview shows how the Hex color C90E33 looks on a white background.

Color Contrast Check

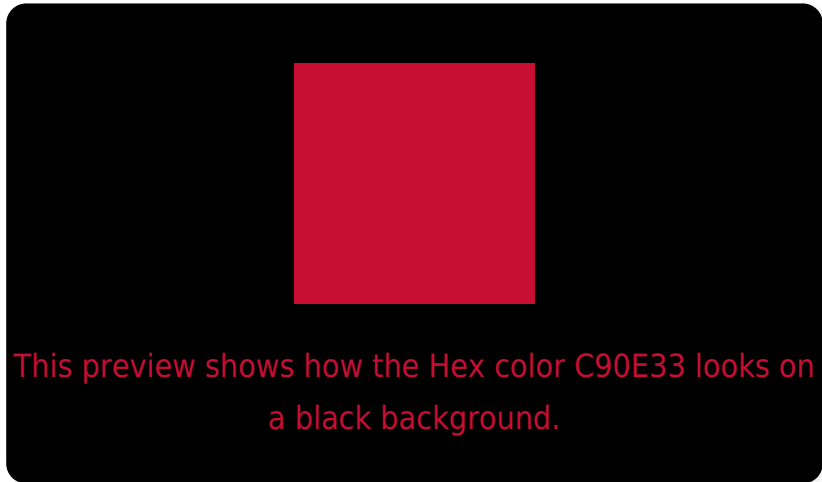
Large Text (above 18pt) WCAG AA ✓ Pass

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 C90E33 Background



This preview shows how black text looks on a background with the Hex color C90E33.

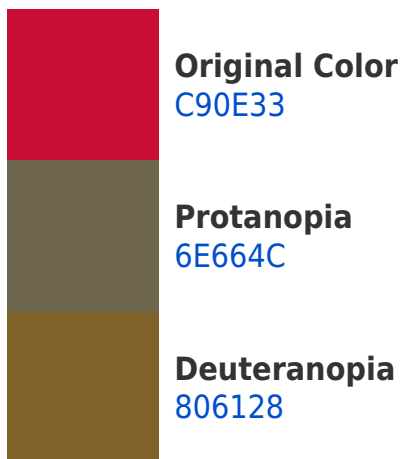


This preview shows how white text looks on a background with the Hex color C90E33.

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](#).

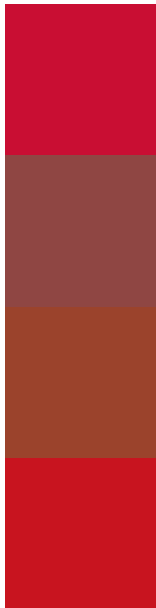
Dichromacy





Tritanopia
C81813

Trichromacy



Original Color
C90E33

Protanomaly
8F4643

Deuteranomaly
9B432C

Tritanomaly
C8141F

Monochromacy



Original Color
C90E33

Achromatopsia
4A4A4A

Achromatomaly
783442

CSS Examples

Text

The CSS property to change the color of the text to Hex C90E33 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 #C90E33 looks like.

```
.text, #text, p{  
    color:#C90E33  
}
```

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 #C90E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C90E33
}
```

Border

The CSS property to change the border of an element to Hex C90E33 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".

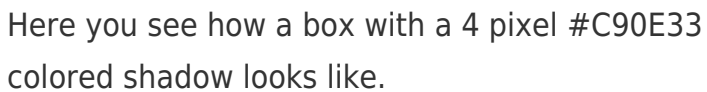
```
.border, #border, table{ border:4px solid
#C90E33 }
```

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

```
.border{ border-color:#C90E33 }
```

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

Here you see how a box with a 4 pixel #C90E33 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C90E33; -webkit-box-shadow:4px 4px  
4px 4px #C90E33; box-shadow:4px 4px 4px  
4px #C90E33 }
```

Background

The CSS property to change the background color of an element to Hex C90E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C90E33 }
```

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

```
.background{ background-color:#C90E33 }
```

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