

Converting Colors

Hex(C91E50)

Have a look what the booklet for
Hex(C91E50) contains.

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Color

Hex(C91E50)

Conversions

Conversions Part 1

Format	Color
Hex	C91E50
RGB	201, 30, 80
RGB Percent	79%, 12%, 31%
CMY	0.2118, 0.8824, 0.6863
CMYK	0.00, 0.85, 0.60, 0.21
HSL	342°, 74%, 45%
HSV	342°, 85%, 79%
XYZ	25.9996, 13.9252, 8.9069
YIQ	86.8290, 85.8660, 51.8020

Conversions

Conversions Part 2

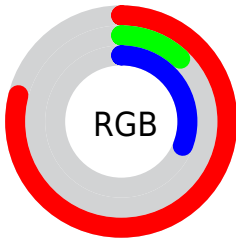
Format	Color
R_{YB}	201, 30, 80
Decimal	13180496
CIE Lab	44.13, 65.41, 16.84
CIE LCh	44, 67.546, 14.441
Yxy	13.9252, 0.5324, 0.2852
Android (android.graphics.Color)	4291370576 (0xFFC91E50)
YUV	86.8290, -3.3667, 100.1280
Hunter-Lab	37.3165, 59.0628, 11.9699

Details

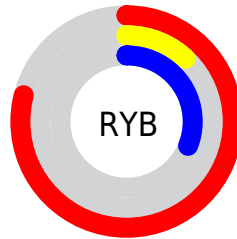
The Hex color **C91E50** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **1EC997**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6081**, and **8C0024** is the 20% darker color. If you saturate the color by 10%, you get **C90A42**, and if you desaturate by 10%, it is **C9325E**.

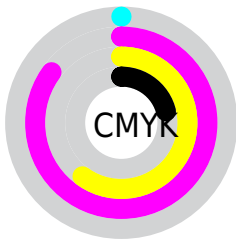
Distribution



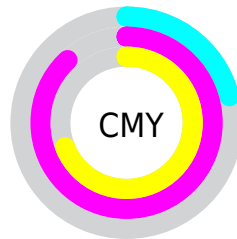
- Red (79%)
- Green (12%)
- Blue (31%)



- Red (79%)
- Yellow (12%)
- Blue (31%)



- Cyan (0%)
- Magenta (85%)
- Yellow (60%)
- Black (21%)



- Cyan (21%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color C91E50 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 C91E50 by changing the saturation by 10% instead.

 C91E50

 C91E50

FFFFFF

 AA0039

 FF6081

 8C0024

 FF7D9B

 6D0010

 FF9AB5

 500002

 FFB7D1

 320002

 FFD4ED

 000000

 FFF2FF

 C91E50

 C91E50

 C90A42

 C9325E

 C9003B

 C9466C

 C95A7B

 C96E89

 C98397

 C997A5

 C9ABB4

 C9BFC2

 C9D3D0

Harmonies

Analogous

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



BC2788



C91E50



BA3E19

Triad

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



C91E50



177900



0077D5

Complementary

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



C91E50



1EC997

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.



007FB6



C91E50



007F48

Square

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



C91E50



666E00



008083



0066D6

Rectangle

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



C91E50



A45200



008083



007BCE

Sweetspot

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



C91E50



FFBDD0



961EC9



805864



000000



808080

Same Dimension

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



C91E50



FF004B



C9401E



635A5C



A30030



24000A

Inverse Universe

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



C91E50



FF004B



1EA7C9



635A5C



A30030



24000A

Previews

White Background



This preview shows how the Hex color C91E50 looks on a white background.

Color Contrast Check

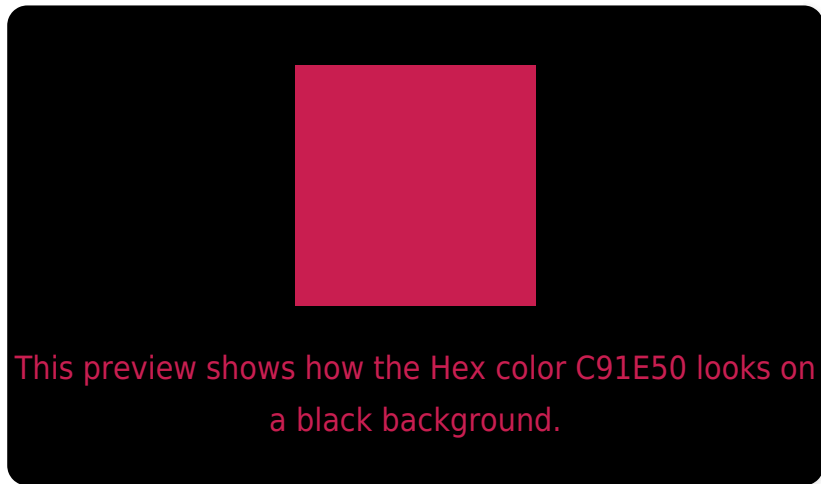
Large Text (above 18pt) WCAG AA ✓ Pass

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 C91E50 Background



This preview shows how black text looks on a background with the Hex color C91E50.

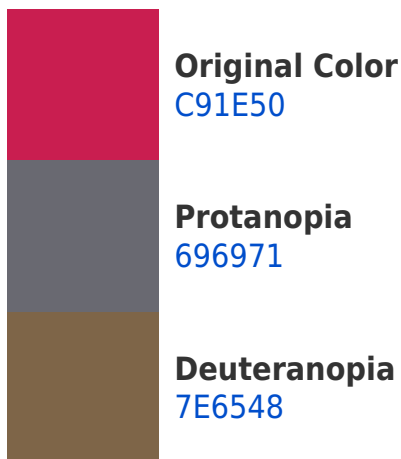



This preview shows how white text looks on a background with the Hex color C91E50.

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](#).

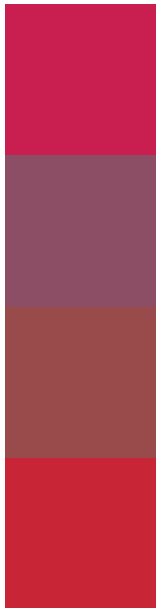
Dichromacy





Tritanopia
C82929

Trichromacy



Original Color
C91E50

Protanomaly
8C4E65

Deuteranomaly
994B4B

Tritanomaly
C82537

Monochromacy



Original Color
C91E50

Achromatopsia
575757

Achromatomaly
804254

CSS Examples

Text

The CSS property to change the color of the text to Hex C91E50 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 #C91E50 looks like.

```
.text, #text, p{  
    color:#C91E50  
}
```

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 #C91E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C91E50
}
```

Border

The CSS property to change the border of an element to Hex C91E50 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
#C91E50 }
```

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

```
.border{ border-color:#C91E50 }
```

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

Here you see how a box with a 4 pixel #C91E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C91E50; -webkit-box-shadow:4px 4px  
4px 4px #C91E50; box-shadow:4px 4px 4px  
4px #C91E50 }
```

Background

The CSS property to change the background color of an element to Hex C91E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C91E50 }
```

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

```
.background{ background-color:#C91E50 }
```

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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