

Converting Colors

Hex(C51E47)

Have a look what the booklet for
Hex(C51E47) contains.

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Color

Hex(C51E47)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C51E47 |
| RGB | 197, 30, 71 |
| RGB Percent | 77%, 12%, 28% |
| CMY | 0.2275, 0.8824, 0.7216 |
| CMYK | 0.00, 0.85, 0.64, 0.23 |
| HSL | 345°, 74%, 45% |
| HSV | 345°, 85%, 77% |
| XYZ | 24.6276, 13.2538, 7.2215 |
| YIQ | 84.6070, 86.3710, 48.1550 |

Conversions

Conversions Part 2

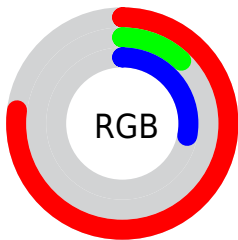
| Format | Color |
|-------------------------------------|---|
| RYB | 197, 30, 71 |
| Decimal | 12918343 |
| CIELab | 43.14, 63.83, 21.01 |
| CIElCh | 43, 67.203, 18.222 |
| Yxy | 13.2538, 0.5460, 0.2939 |
| Android (android.graphics.Color) | 4291108423 (0xFFC51E47) |
| YUV | 84.6070, -6.7083, 98.5687 |
| Hunter-Lab | 36.4058, 57.0406, 13.7233 |

Details

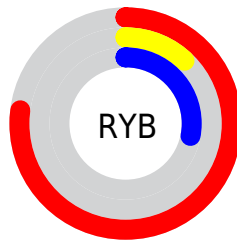
The Hex color **C51E47** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **1EC59C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF5F77**, and **87001C** is the 20% darker color. If you saturate the color by 10%, you get **C50A38**, and if you desaturate by 10%, it is **C53256**.

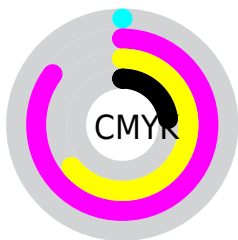
Distribution



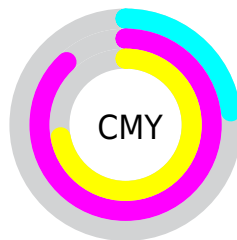
- Red (77%)
- Green (12%)
- Blue (28%)



- Red (77%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (85%)
- Yellow (64%)
- Black (23%)



- Cyan (23%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color C51E47 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 C51E47 by changing the saturation by 10% instead.

 C51E47

 C51E47

FFFFFF

 A60031

 FF5F77

 87001C

 FF7C91

 690003

 FF99AB

 4C0002

 FFB6C6

 2E0002

 FFD3E2

 000000

 FFF0FF

 C51E47

 C51E47

 C50A38

 C53256

 C50030

 C54565

 C55974

 C56D82

 C58191

 C594A0

 C5A8AF

 C5BCBE

 C5CFCD

Harmonies

Analogous

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



BC207E



C51E47



B3400E

Triad

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



C51E47



00780C



0073D4

Complementary

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



C51E47



1EC59C

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.



007CB9



C51E47



007C4D

Square

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



C51E47



5C6E00



007E87



0F61D1

Rectangle

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



C51E47



9C5300



007E87



0077CE

Sweetspot

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



C51E47



FFBFCF



9B1EC5



805963



000000



808080

Same Dimension

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



C51E47



FF003F



C5481E



635A5C



A30028



240009

Inverse Universe

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



C51E47



FF003F



1E9BC5



635A5C



A30028



240009

Previews

White Background



This preview shows how the Hex color C51E47 looks on a white background.

Color Contrast Check

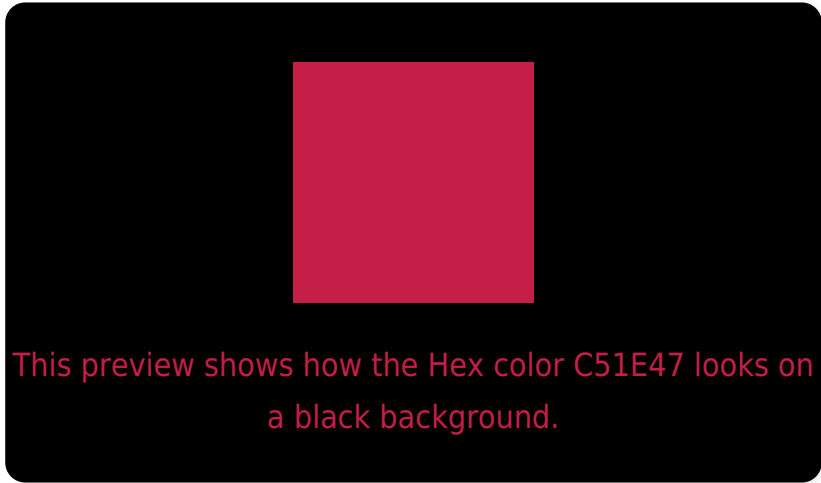
Large Text (above 18pt) WCAG AA ✓ Pass

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 C51E47 Background



This preview shows how black text looks on a background with the Hex color C51E47.

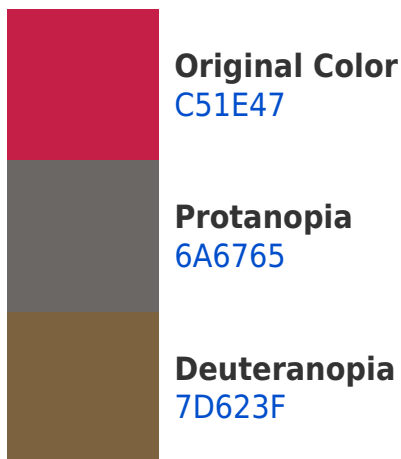


This preview shows how white text looks on a background with the Hex color C51E47.

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](#).

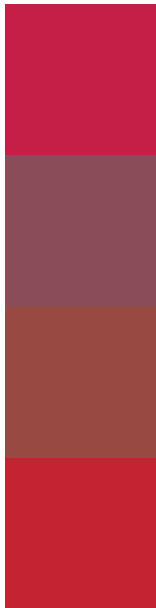
Dichromacy





Tritanopia
C42726

Trichromacy



Original Color
C51E47

Protanomaly
8B4C5A

Deuteranomaly
974942

Tritanomaly
C42432

Monochromacy



Original Color
C51E47

Achromatopsia
555555

Achromatomaly
7E4150

CSS Examples

Text

The CSS property to change the color of the text to Hex C51E47 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 #C51E47 looks like.

```
.text, #text, p{  
    color:#C51E47  
}
```

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 #C51E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51E47
}
```

Border

The CSS property to change the border of an element to Hex C51E47 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
#C51E47 }
```

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

```
.border{ border-color:#C51E47 }
```

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

Here you see how a box with a 4 pixel #C51E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51E47; -webkit-box-shadow:4px 4px  
4px 4px #C51E47; box-shadow:4px 4px 4px  
4px #C51E47 }
```

Background

The CSS property to change the background color of an element to Hex C51E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51E47 }
```

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

```
.background{ background-color:#C51E47 }
```

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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