

Converting Colors

Hex(C31E62)

Have a look what the booklet for
Hex(C31E62) contains.

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Color

Hex(C31E62)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C31E62 |
| RGB | 195, 30, 98 |
| RGB Percent | 76%, 12%, 38% |
| CMY | 0.2353, 0.8824, 0.6157 |
| CMYK | 0.00, 0.85, 0.50, 0.24 |
| HSL | 335°, 73%, 44% |
| HSV | 335°, 85%, 76% |
| XYZ | 25.1746, 13.4125, 12.8173 |
| YIQ | 87.0870, 76.5120, 56.1280 |

Conversions

Conversions Part 2

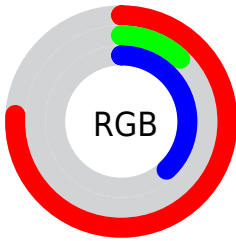
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 195, 30, 98 |
| Decimal | 12787298 |
| CIELab | 43.38, 65.16, 4.36 |
| CIElCh | 43, 65.308, 3.826 |
| Yxy | 13.4125, 0.4897, 0.2609 |
| Android (android.graphics.Color) | 4290977378 (0xFFC31E62) |
| YUV | 87.0870, 5.3801, 94.6397 |
| Hunter-Lab | 36.6231, 58.6098, 4.8859 |

Details

The Hex color **C31E62** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **1EC37F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6094**, and **870034** is the 20% darker color. If you saturate the color by 10%, you get **C30B57**, and if you desaturate by 10%, it is **C3316D**.

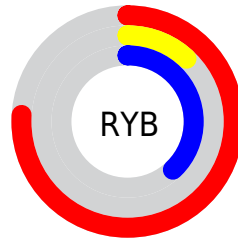
Distribution



Red (76%)

Green (12%)

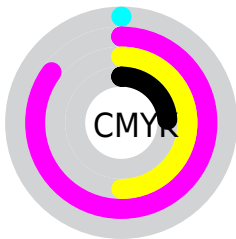
Blue (38%)



Red (76%)

Yellow (12%)

Blue (38%)

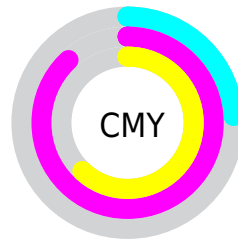


Cyan (0%)

Magenta (85%)

Yellow (50%)

Black (24%)



Cyan (24%)

Magenta (88%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color C31E62 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 C31E62 by changing the saturation by 10% instead.

 C31E62

 C31E62

FFFFFF

 A5004A

 FF6094

 870034

 FF7DAF

 69001F

 FF99CA

 4D0006

 FFB6E6

 300002

 FFD4FF

 000000

 FFF1FF

 C31E62

 C31E62

 C30B57

 C3316D

 C30050

 C34579

 C35984

 C36C90

 C3809B

 C393A7

 C3A7B2

 C3BABE

 C3CEC9

Harmonies

Analogous

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



AB3597



C31E62



BD332D

Triad

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



C31E62



3D7400



0078C8

Complementary

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



C31E62



1EC37F

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.



007DA2



C31E62



007B33

Square

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



C31E62



776700



007E6C



006BD4

Rectangle

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



C31E62



AC4804



007E6C



007BBE

Sweetspot

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



C31E62



FCBDD7



7E1EC3



805969



000000



808080

Same Dimension

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



C31E62



FC0068



C32C1E



61575B



A10042



21000E

Inverse Universe

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



C31E62



FC0068



1EB5C3



61575B



A10042



21000E

Previews

White Background



This preview shows how the Hex color C31E62 looks on a white background.

Color Contrast Check

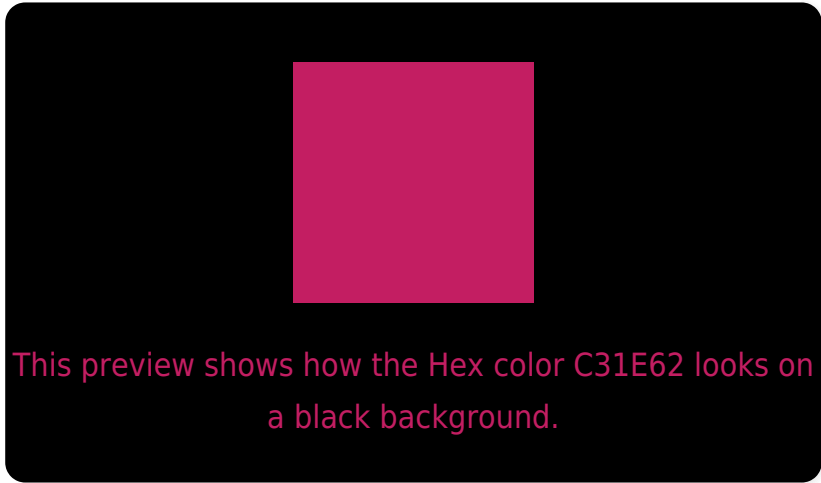
Large Text (above 18pt) WCAG AA ✓ Pass

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 C31E62 Background



This preview shows how black text looks on a background with the Hex color C31E62.



This preview shows how white text looks on a background with the Hex color C31E62.

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
C31E62

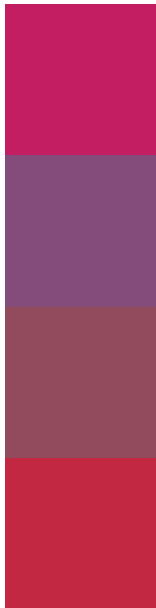
Protanopia
5E6689

Deuteranopia
76645A



Tritanopia
C12E30

Trichromacy



Original Color
C31E62

Protanomaly
834C7B

Deuteranomaly
924B5D

Tritanomaly
C22842

Monochromacy



Original Color
C31E62

Achromatopsia
575757

Achromatomaly
7E425B

CSS Examples

Text

The CSS property to change the color of the text to Hex C31E62 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 #C31E62 looks like.

```
.text, #text, p{  
    color:#C31E62  
}
```

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 #C31E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C31E62
}
```

Border

The CSS property to change the border of an element to Hex C31E62 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
#C31E62 }
```

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

```
.border{ border-color:#C31E62 }
```

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

Here you see how a box with a 4 pixel #C31E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C31E62; -webkit-box-shadow:4px 4px  
4px 4px #C31E62; box-shadow:4px 4px 4px  
4px #C31E62 }
```

Background

The CSS property to change the background color of an element to Hex C31E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C31E62 }
```

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

```
.background{ background-color:#C31E62 }
```

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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