

# Converting Colors

Hex(C31B75)

Have a look what the booklet for  
Hex(C31B75) contains.

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# Color

**Hex(C31B75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C31B75
RGB	195, 27, 117
RGB Percent	76%, 11%, 46%
CMY	0.2353, 0.8941, 0.5412
CMYK	0.00, 0.86, 0.40, 0.24
HSL	328°, 76%, 44%
HSV	328°, 86%, 76%
XYZ	26.1085, 13.6703, 18.0922
YIQ	87.4920, 71.2380, 63.6060

# Conversions

## Conversions Part 2

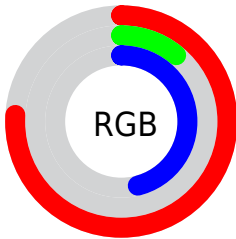
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 27, 117
Decimal	12786549
CIE <sub>Lab</sub>	43.76, 67.46, -6.92
CIE <sub>LCh</sub>	44, 67.810, 354.139
Yxy	13.6703, 0.4511, 0.2362
Android (android.graphics.Color)	4290976629 (0xFFC31B75)
YUV	87.4920, 14.5474, 94.2845
Hunter-Lab	36.9734, 61.3430, -3.1310

# Details

The Hex color **C31B75** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1BC369**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5FA9**, and **880045** is the 20% darker color. If you saturate the color by 10%, you get **C3076C**, and if you desaturate by 10%, it is **C32E7E**.

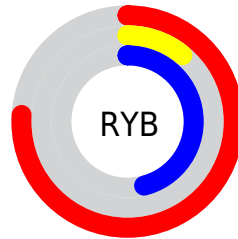
# Distribution



Red (76%)

Green (11%)

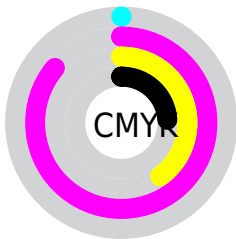
Blue (46%)



Red (76%)

Yellow (11%)

Blue (46%)

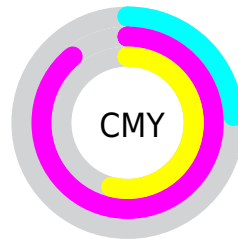


Cyan (0%)

Magenta (86%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C31B75 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 C31B75 by changing the saturation by 10% instead.



 C31B75

 C31B75

FFFFFF

 A5005C

 FF5FA9

 880045

 FF7CC4

 6A002F

 FF99E0

 4E001A

 FFB6FD

 320002

 FFD3FF

 000000

 FFF1FF

 C31B75

 C31B75

 C3076C

 C32E7E

 C30068

 C34287

 C35590

 C36999

 C37CA2

 C390AB

 C3A3B4

 C3B7BD

 C3CAC6

# Harmonies

## Analogous

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



9F3EAA



C31B75



C6253D

# Triad

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



C31B75



527200



007CC3

# Complementary

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



C31B75



1BC369

# 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.



007F94



C31B75



007B1D

# Square

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



C31B75



876100



007F5A



0072D9

# Rectangle

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



C31B75



B93C18



007F5A



007EB5



# Sweetspot

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



C31B75



FCBBDE



671BC3



80586D



000000



808080



# Same Dimension

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



C31B75



FC0087



C31B23



61575C



A10056



210012



# Inverse Universe

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



C31B75



FC0087



1BC3BB



61575C



A10056



210012



# Previews

## White Background



This preview shows how the Hex color C31B75 looks on a white background.

## Color Contrast Check

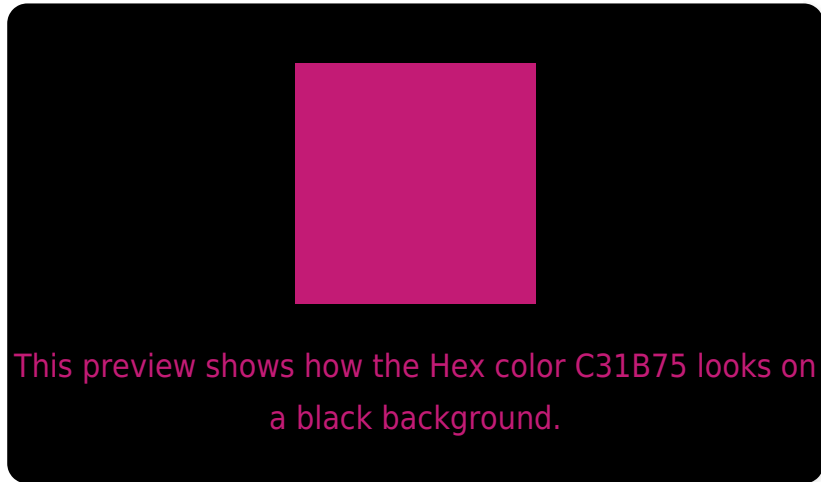
Large Text (above 18pt) WCAG AA ✓ Pass

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 C31B75 Background



This preview shows how black text looks on a background with the Hex color C31B75.

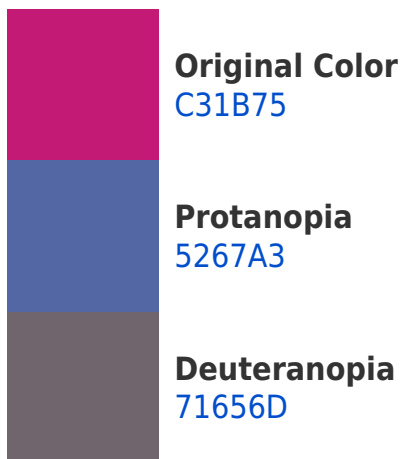


This preview shows how white text looks on a background with the Hex color C31B75.

# 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





# Trichromacy



**Original Color**  
C31B75



**Protanomaly**  
7B4B92



**Deuteranomaly**  
8F4A70

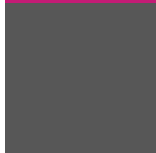


**Tritanomaly**  
C02A4C

# Monochromacy



**Original Color**  
C31B75



**Achromatopsia**  
575757



**Achromatomaly**  
7E4162

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C31B75 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 #C31B75 looks like.

```
.text, #text, p{  
    color:#C31B75  
}
```

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 #C31B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C31B75
}
```

## Border

The CSS property to change the border of an element to Hex C31B75 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
#C31B75 }
```

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

```
.border{ border-color:#C31B75 }
```

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

Here you see how a box with a 4 pixel #C31B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C31B75; -webkit-box-shadow:4px 4px  
4px 4px #C31B75; box-shadow:4px 4px 4px  
4px #C31B75 }
```

# Background

The CSS property to change the background color of an element to Hex C31B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C31B75 }
```

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

```
.background{ background-color:#C31B75 }
```

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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