

# Converting Colors

Hex(C81D61)

Have a look what the booklet for  
Hex(C81D61) contains.

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# Color

**Hex(C81D61)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C81D61
RGB	200, 29, 97
RGB Percent	78%, 11%, 38%
CMY	0.2157, 0.8863, 0.6196
CMYK	0.00, 0.85, 0.52, 0.22
HSL	336°, 75%, 45%
HSV	336°, 86%, 78%
XYZ	26.4165, 14.0212, 12.6233
YIQ	87.8810, 80.0880, 57.4000

# Conversions

## Conversions Part 2

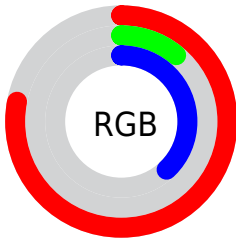
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	200, 29, 97
Decimal	13114721
CIE <sub>Lab</sub>	44.26, 66.54, 6.38
CIE <sub>LCh</sub>	44, 66.848, 5.477
Yxy	14.0212, 0.4979, 0.2642
Android (android.graphics.Color)	4291304801 (0xFFC81D61)
YUV	87.8810, 4.4957, 98.3284
Hunter-Lab	37.4448, 60.3991, 6.2237

# Details

The Hex color **C81D61** 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 **1DC884**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6093**, and **8B0033** is the 20% darker color. If you saturate the color by 10%, you get **C80955**, and if you desaturate by 10%, it is **C8316D**.

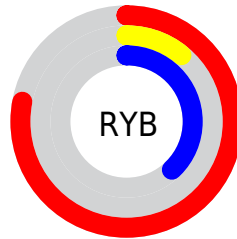
# Distribution



Red (78%)

Green (11%)

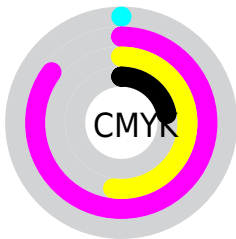
Blue (38%)



Red (78%)

Yellow (11%)

Blue (38%)

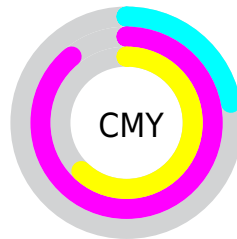


Cyan (0%)

Magenta (85%)

Yellow (52%)

Black (22%)



Cyan (22%)

Magenta (89%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C81D61 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 C81D61 by changing the saturation by 10% instead.



 C81D61

 C81D61

FFFFFF

 AA0049

 FF6093

 8B0033

 FF7DAE

 6E001F

 FF9AC9

 510004

 FFB7E5

 330002

 FFD4FF

 000000

 FFF2FF

 C81D61

 C81D61

 C80955

 C8316D

 C80050

 C84579

 C85985

 C86D91

 C8819D

 C895A9

 C8A9B5

 C8BDC1

 C8D1CD

# Harmonies

## Analogous

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



B13398



C81D61



C0352B

# Triad

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



C81D61



3A7700



007ACE

# Complementary

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



C81D61



1DC884

# 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.



0080A8



C81D61



007E37

# Square

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



C81D61



766A00



008072



006DD9

# Rectangle

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



C81D61



AF4A00



008072



007DC4



# Sweetspot

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



C81D61



FFBDD7



841DC8



805868



000000



808080



# Same Dimension

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



C81D61



FF0065



C82E1D



635A5D



A30041



24000E



# Inverse Universe

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



C81D61



FF0065



1DB7C8



635A5D



A30041



24000E



# Previews

## White Background



This preview shows how the Hex color C81D61 looks on a white background.

## Color Contrast Check

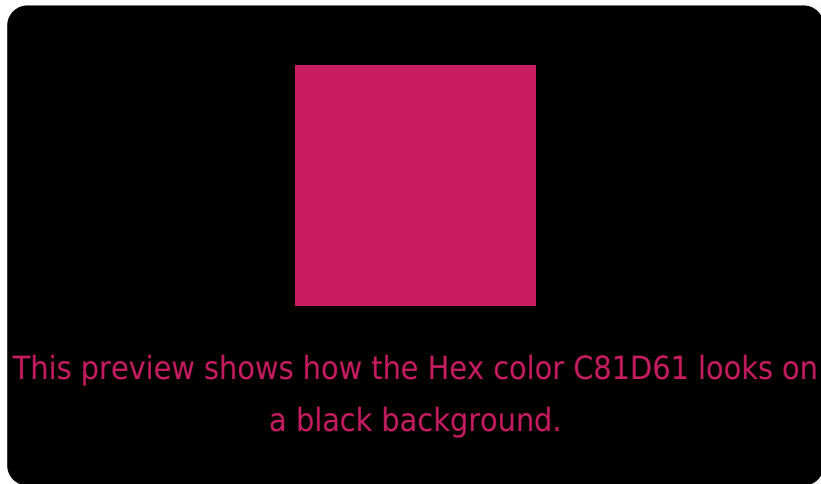
Large Text (above 18pt) WCAG AA ✓ Pass

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 C81D61 Background



This preview shows how black text looks on a background with the Hex color C81D61.



This preview shows how white text looks on a background with the Hex color C81D61.

# 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



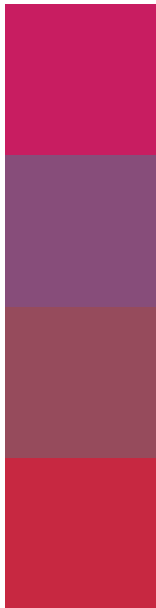
**Original Color**  
C81D61

**Protanopia**  
626988

**Deuteranopia**  
7A6659



# Trichromacy



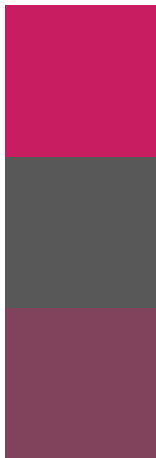
**Original Color**  
C81D61

**Protanomaly**  
874D7A

**Deuteranomaly**  
964B5C

**Tritanomaly**  
C72841

# Monochromacy



**Original Color**  
C81D61

**Achromatopsia**  
585858

**Achromatomaly**  
81435B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C81D61 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 #C81D61 looks like.

```
.text, #text, p{  
    color:#C81D61  
}
```

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 #C81D61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C81D61
}
```

## Border

The CSS property to change the border of an element to Hex C81D61 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
#C81D61 }
```

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

```
.border{ border-color:#C81D61 }
```

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

Here you see how a box with a 4 pixel #C81D61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C81D61; -webkit-box-shadow:4px 4px  
4px 4px #C81D61; box-shadow:4px 4px 4px  
4px #C81D61 }
```

# Background

The CSS property to change the background color of an element to Hex C81D61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C81D61 }
```

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

```
.background{ background-color:#C81D61 }
```

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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