

# Converting Colors

Hex(C01245)

Have a look what the booklet for  
Hex(C01245) contains.

<b>Hex(C01245)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(C01245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C01245
RGB	192, 18, 69
RGB Percent	75%, 7%, 27%
CMY	0.2471, 0.9294, 0.7294
CMYK	0.00, 0.91, 0.64, 0.25
HSL	342°, 83%, 41%
HSV	342°, 91%, 75%
XYZ	23.0287, 12.0688, 6.7460
YIQ	75.8400, 87.3330, 52.7490

# Conversions

## Conversions Part 2

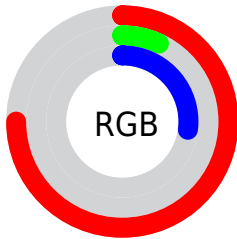
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 18, 69
Decimal	12587589
CIELab	41.33, 64.62, 19.70
CIElCh	41, 67.552, 16.953
Yxy	12.0688, 0.5504, 0.2884
Android (android.graphics.Color)	4290777669 (0xFFC01245)
YUV	75.8400, -3.3721, 101.8723
Hunter-Lab	34.7401, 57.5299, 12.8049

# Details

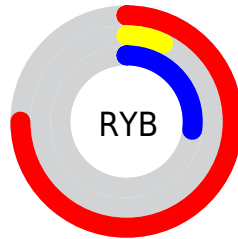
The Hex color **C01245** is a dark color, and the websafe version is hex **990033**. The color can be described as dark washed red. A complement of this color would be **12C08D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5975**, and **83001B** is the 20% darker color. If you saturate the color by 10%, you get **C00038**, and if you desaturate by 10%, it is **C02553**.

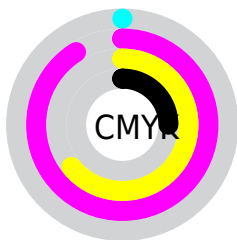
# Distribution



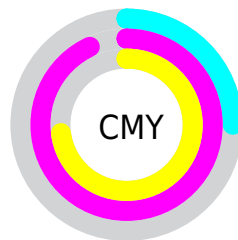
- Red (75%)
- Green (7%)
- Blue (27%)



- Red (75%)
- Yellow (7%)
- Blue (27%)



- Cyan (0%)
- Magenta (91%)
- Yellow (64%)
- Black (25%)



- Cyan (25%)
- Magenta (93%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C01245 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 C01245 by changing the saturation by 10% instead.



 C01245

 C01245

FFFFFF

 A1002F

 FF5975

 83001B

 FF768E

 650000

 FF93A9

 480003

 FFB0C4

 280001

 FFCDE0

 000000

 FFEAFC

 C01245

 C01245

 C00038

 C02553

 C03860

 C04C6E

 C05F7B

 C07289

 C08596

 C098A4

 C0ACB2

 C0BFBF

# Harmonies

## Analogous

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



B6187C



C01245



AF390B

# Triad

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



C01245



007300



006FCF

# Complementary

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



C01245



12C08D

# 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.



0077B2



C01245



007746

# Square

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



C01245



5A6900



007980



005ECD

# Rectangle

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



C01245



984E00



007980



0073C8



# Sweetspot

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



C01245



FAB6CA



8C12C0



7D5561



FCFCFC



7D7D7D



# Same Dimension

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



C01245



FA0049



C03512



61575A



A1002F



21000A



# Inverse Universe

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



C01245



FA0049



129DC0



61575A



A1002F



21000A



# Previews

## White Background



This preview shows how the Hex color C01245 looks on a white background.

## Color Contrast Check

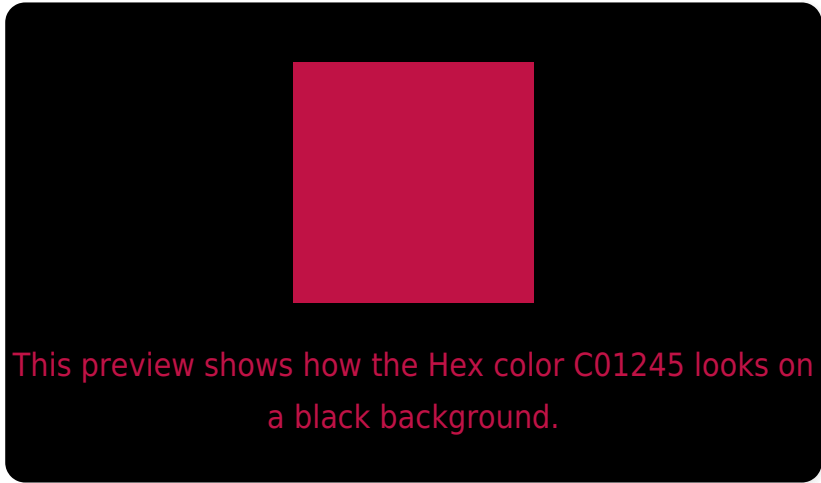
Large Text (above 18pt) WCAG AA ✓ Pass

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 C01245 Background



This preview shows how black text looks on a background with the Hex color C01245.

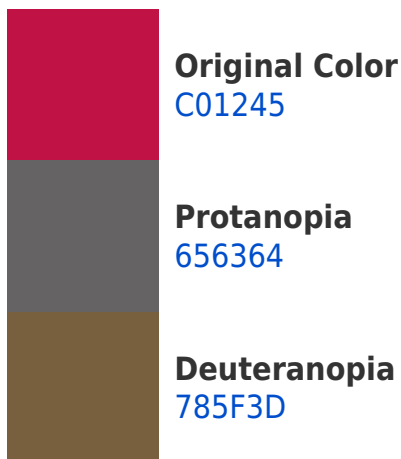


This preview shows how white text looks on a background with the Hex color C01245.

# Color Blindness Simulation

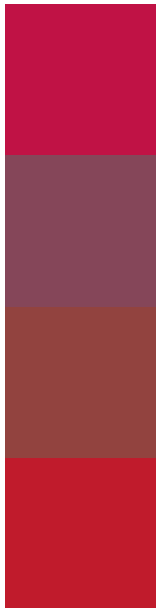
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



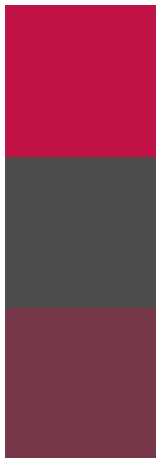
**Original Color**  
C01245

**Protanomaly**  
864659

**Deuteranomaly**  
924340

**Tritanomaly**  
BF1B2C

# Monochromacy



**Original Color**  
C01245

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
763749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C01245 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 #C01245 looks like.

```
.text, #text, p{  
    color:#C01245  
}
```

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 #C01245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C01245
}
```

## Border

The CSS property to change the border of an element to Hex C01245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

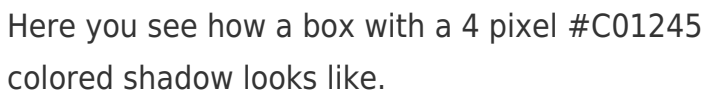
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C01245 }
```

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

```
.border{ border-color:#C01245 }
```

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



Here you see how a box with a 4 pixel `#C01245` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C01245; -webkit-box-shadow:4px 4px  
4px 4px #C01245; box-shadow:4px 4px 4px  
4px #C01245 }
```

# Background

The CSS property to change the background color of an element to Hex C01245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C01245 }
```

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

```
.background{ background-color:#C01245 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor