

# Converting Colors

Hex(C61225)

Have a look what the booklet for  
Hex(C61225) contains.

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# Color

**Hex(C61225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C61225
RGB	198, 18, 37
RGB Percent	78%, 7%, 15%
CMY	0.2235, 0.9294, 0.8549
CMYK	0.00, 0.91, 0.81, 0.22
HSL	354°, 83%, 42%
HSV	354°, 91%, 78%
XYZ	23.8389, 12.5720, 2.9204
YIQ	73.9860, 101.1810, 44.0690

# Conversions

## Conversions Part 2

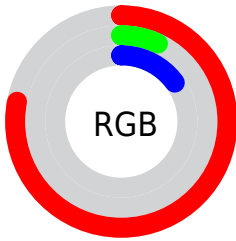
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 18, 37
Decimal	12980773
CIE <sub>Lab</sub>	42.11, 64.84, 40.32
CIE <sub>LCh</sub>	42, 76.358, 31.876
Yxy	12.5720, 0.6061, 0.3196
Android (android.graphics.Color)	4291170853 (0xFFC61225)
YUV	73.9860, -18.2341, 108.7603
Hunter-Lab	35.4569, 57.9621, 19.9364

# Details

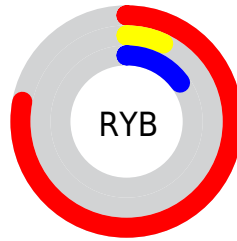
The Hex color **C61225** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **12C6B3**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5953**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C60015**, and if you desaturate by 10%, it is **C62637**.

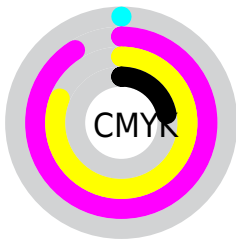
# Distribution



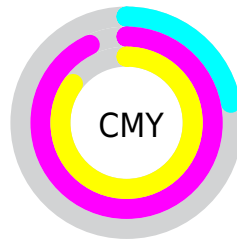
- Red (78%)
- Green (7%)
- Blue (15%)



- Red (78%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (81%)
- Black (22%)



- Cyan (22%)
- Magenta (93%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C61225 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 C61225 by changing the saturation by 10% instead.



 C61225

 C61225

FFFFFF

 A60010

 FF5953

 870000

 FF766B

 670000

 FF9385

 4A0003

 FFB09F

 2B0001

 FFCDBA

 000000

 FFEBD6

 FFFFF2

 C61225

 C61225

 C60015

 C62637

 C63A48

 C64D5A

 C6616C

 C6757E

 C6898F

 C69DA1

 C6B0B3

 C6C4C4

# Harmonies

## Analogous

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



CC0062



C61225



A74700

# Triad

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



C61225



007921



006BE4

# Complementary

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



C61225



12C6B3

# 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.



0079D4



C61225



007C66

# Square

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



C61225



337200



007DA5



5C50D0

# Rectangle

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



C61225



885B00



007DA5



0071E2



# Sweetspot

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



C61225



FFBAC1



B112C6



80575B



000000



808080



# Same Dimension

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



C61225



FF001B



C65712



635A5B



A30011



240004



# Inverse Universe

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



C61225



FF001B



1281C6



635A5B



A30011



240004



# Previews

## White Background



This preview shows how the Hex color C61225 looks on a white background.

## Color Contrast Check

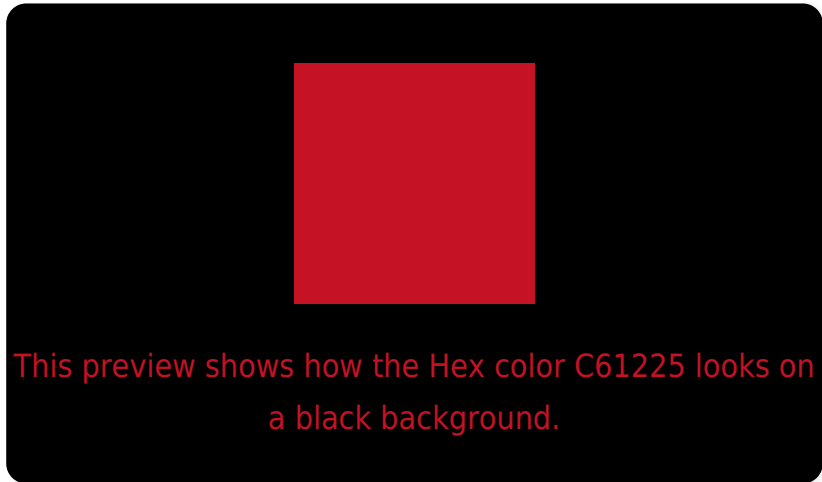
Large Text (above 18pt) WCAG AA ✓ Pass

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 C61225 Background



This preview shows how black text looks on a background with the Hex color C61225.



This preview shows how white text looks on a background with the Hex color C61225.

# 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**  
C61225

**Protanopia**  
6F6539

**Deuteranopia**  
7F6015



**Tritanopia**  
C61611

# Trichromacy



**Original Color**  
C61225

**Protanomaly**  
8F4732

**Deuteranomaly**  
99441B

**Tritanomaly**  
C61518

# Monochromacy



**Original Color**  
C61225

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
77363D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C61225 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 #C61225 looks like.

```
.text, #text, p{  
    color:#C61225  
}
```

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 #C61225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C61225
}
```

## Border

The CSS property to change the border of an element to Hex C61225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

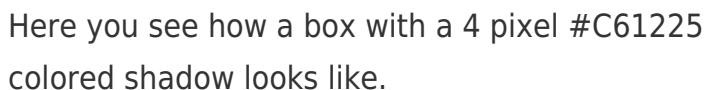
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C61225 }
```

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

```
.border{ border-color:#C61225 }
```

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



Here you see how a box with a 4 pixel `#C61225` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C61225; -webkit-box-shadow:4px 4px  
4px 4px #C61225; box-shadow:4px 4px 4px  
4px #C61225 }
```

# Background

The CSS property to change the background color of an element to Hex C61225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C61225 }
```

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

```
.background{ background-color:#C61225 }
```

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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