

# Converting Colors

Hex(C45337)

Have a look what the booklet for  
Hex(C45337) contains.

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# Color

**Hex(C45337)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C45337                     |
| RGB           | 196, 83, 55                |
| RGB Percent   | 77%, 33%, 22%              |
| CMY           | 0.2314, 0.6745, 0.7843     |
| CMYK          | 0.00, 0.58, 0.72, 0.23     |
| HSL           | 12°, 56%, 49%              |
| HSV           | 12°, 72%, 77%              |
| XYZ           | 26.5478, 18.1981, 5.7278   |
| YIQ           | 113.5950, 76.3360, 15.2480 |

# Conversions

## Conversions Part 2

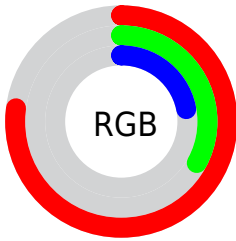
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 196, 90, 55                    |
| Decimal                             | 12866359                       |
| CIE <sub>Lab</sub>                  | 49.74, 43.50, 38.40            |
| CIE <sub>LCh</sub>                  | 50, 58.020, 41.438             |
| Yxy                                 | 18.1981, 0.5260,<br>0.3605     |
| Android<br>(android.graphics.Color) | 4291056439<br>(0xFFC45337)     |
| YUV                                 | 113.5950, -28.8873,<br>72.2692 |
| Hunter-Lab                          | 42.6592, 36.4308,<br>21.9007   |

# Details

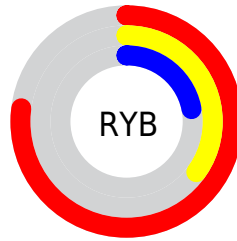
The Hex color **C45337** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **37A8C4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF8867**, and **881E0A** is the 20% darker color. If you saturate the color by 10%, you get **C44323**, and if you desaturate by 10%, it is **C4634B**.

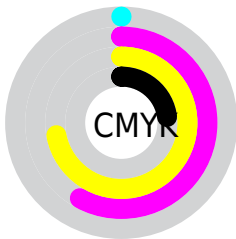
# Distribution



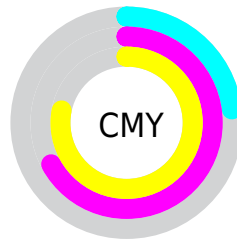
- Red (77%)
- Green (33%)
- Blue (22%)



- Red (77%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (72%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C45337 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 C45337 by changing the saturation by 10% instead.



 C45337

 C45337

FFFFFF

 A63920

 FF8867

 881E0A

 FFA381

 6A0000

 FFBF9B

 4D0000

 FFDBB6

 340002

 FFF8D2

 000000

 FFFFEE

 C45337

 C45337

 C44323

 C4634B

 C43410

 C4725E

 C42700

 C48272

 C49285

 C4A299

 C4B1AD

 C4C1C0

 C4D1D4

 C4E0E7

# Harmonies

## Analogous

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



CE4465



C45337



A7690A

# Triad

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



C45337



008B55



2476D7

# Complementary

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



C45337



37A8C4

# 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.



0084D4



C45337



008D88

# Square

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



C45337



458525



008BB7



9060C1

# Rectangle

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



C45337



8C7500



008BB7



007BD9



# Sweetspot

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



C45337



FFD2C7



C437AA



80655E



000000



808080



# Same Dimension

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



C45337



FF4F24



C49737



615957



A12000



210700



# Inverse Universe

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



37A8C4



24D3FF



3764C4



575F61



0081A1

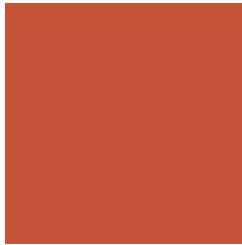


001B21



# Previews

## White Background



This preview shows how the Hex color C45337 looks on a white background.

## Color Contrast Check

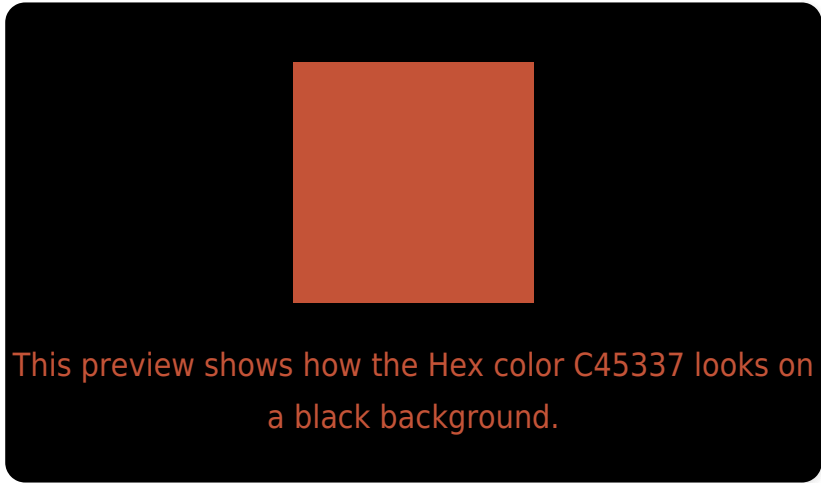
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C45337 Background



This preview shows how black text looks on a background with the Hex color C45337.



This preview shows how white text looks on a background with the Hex color C45337.

# 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**  
C45337

**Protanopia**  
837743

**Deuteranopia**  
947130



**Tritanopia**  
C54F54

# Trichromacy



**Original Color**  
C45337

**Protanomaly**  
9B6A3F

**Deuteranomaly**  
A56633

**Tritanomaly**  
C55049

# Monochromacy



**Original Color**  
C45337

**Achromatopsia**  
727272

**Achromatomaly**  
90675D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C45337 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 #C45337 looks like.

```
.text, #text, p{  
    color:#C45337  
}
```

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 #C45337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C45337
}
```

## Border

The CSS property to change the border of an element to Hex C45337 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
#C45337 }
```

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

```
.border{ border-color:#C45337 }
```

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

Here you see how a box with a 4 pixel #C45337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C45337; -webkit-box-shadow:4px 4px  
4px 4px #C45337; box-shadow:4px 4px 4px  
4px #C45337 }
```

# Background

The CSS property to change the background color of an element to Hex C45337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C45337 }
```

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

```
.background{ background-color:#C45337 }
```

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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