

# Converting Colors

Hex(C55421)

Have a look what the booklet for  
Hex(C55421) contains.

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**Color**

**Hex(C55421)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C55421
RGB	197, 84, 33
RGB Percent	77%, 33%, 13%
CMY	0.2275, 0.6706, 0.8706
CMYK	0.00, 0.57, 0.83, 0.23
HSL	19°, 71%, 45%
HSV	19°, 83%, 77%
XYZ	26.4708, 18.3208, 3.5799
YIQ	111.9730, 83.7190, 8.0950

# Conversions

## Conversions Part 2

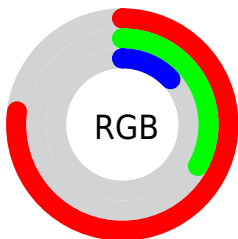
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 107, 33
Decimal	12932129
CIE <sub>Lab</sub>	49.88, 42.54, 49.52
CIE <sub>LCh</sub>	50, 65.285, 49.332
Yxy	18.3208, 0.5472, 0.3788
Android (android.graphics.Color)	4291122209 (0xFFC55421)
YUV	111.9730, -38.9337, 74.5687
Hunter-Lab	42.8028, 35.4861, 25.0030

# Details

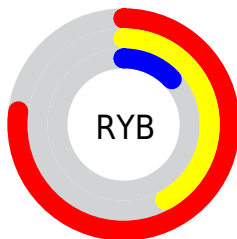
The Hex color **C55421** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2192C5**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF8952**, and **881F00** is the 20% darker color. If you saturate the color by 10%, you get **C5460D**, and if you desaturate by 10%, it is **C56235**.

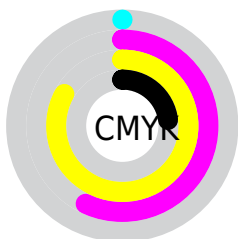
# Distribution



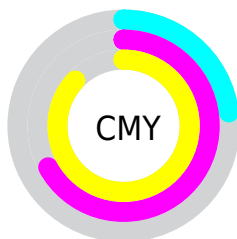
- Red (77%)
- Green (33%)
- Blue (13%)



- Red (77%)
- Yellow (42%)
- Blue (13%)



- Cyan (0%)
- Magenta (57%)
- Yellow (83%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C55421 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 C55421 by changing the saturation by 10% instead.



 C55421

 C55421

FFFFFF

 A63A05

 FF8952

 881F00

 FFA46B

 6A0000

 FFC085

 4C0000

 FFDCA0

 330002

 FFF9BC

 000000

 FFFFFD8

 FFFFFF4

 C55421

 C55421

 C5460D

 C56235

 C53D00

 C56F48

 C57D5C

 C58A70

 C59884

 C5A597

 C5B3AB

 C5C1BF

 C5CED2

# Harmonies

## Analogous

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



D73B56



C55421



A06D00

# Triad

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



C55421



008E60



4371E0

# Complementary

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



C55421



2192C5

# 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.



0083E4



C55421



008F9A

# Square

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



C55421



1C8926



008DCA



A555C0

# Rectangle

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



C55421



7F7A00



008DCA



0078E5



# Sweetspot

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



C55421



FFD3BF



C52194



806559



000000



808080



# Same Dimension

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



C55421



FF4F00



C5A421



635D5A



A33300



240B00

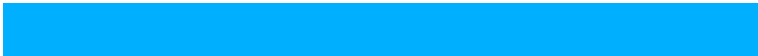


# Inverse Universe

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



2192C5



00B0FF



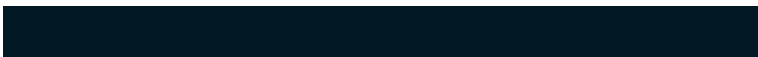
2142C5



5A6063



0070A3

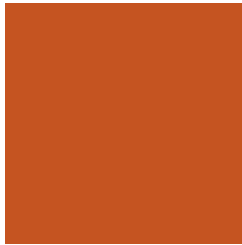


001924



# Previews

## White Background



This preview shows how the Hex color C55421 looks on a white background.

## Color Contrast Check

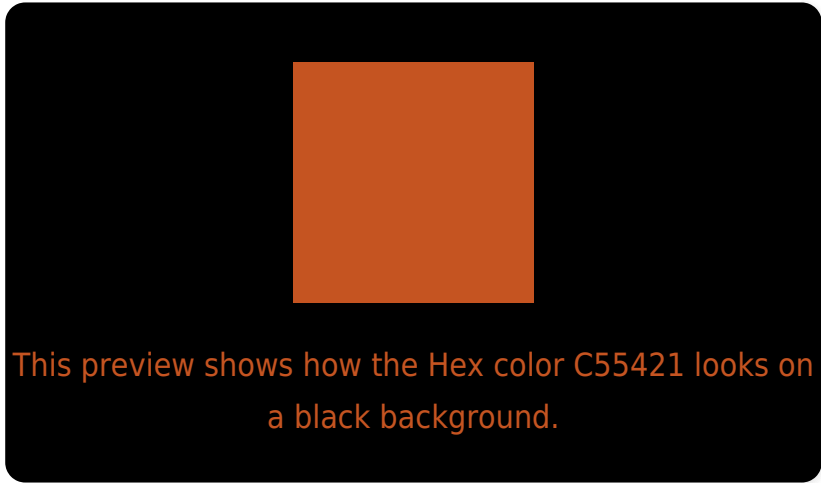
Large Text (above 18pt) WCAG AA ✓ Pass

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 C55421 Background



This preview shows how black text looks on a background with the Hex color C55421.



This preview shows how white text looks on a background with the Hex color C55421.

# 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





**Tritanopia**  
C74F54

# Trichromacy



**Original Color**  
C55421

**Protanomaly**  
9C6B27

**Deuteranomaly**  
A76619

**Tritanomaly**  
C65141

# Monochromacy



**Original Color**  
C55421

**Achromatopsia**  
707070

**Achromatomaly**  
8F6653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C55421 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 #C55421 looks like.

```
.text, #text, p{  
    color:#C55421  
}
```

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 #C55421 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C55421
}
```

## Border

The CSS property to change the border of an element to Hex C55421 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
#C55421 }
```

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

```
.border{ border-color:#C55421 }
```

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

Here you see how a box with a 4 pixel #C55421 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C55421; -webkit-box-shadow:4px 4px  
4px 4px #C55421; box-shadow:4px 4px 4px  
4px #C55421 }
```

# Background

The CSS property to change the background color of an element to Hex C55421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C55421 }
```

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

```
.background{ background-color:#C55421 }
```

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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