

Converting Colors

Hex(CF5237)

Have a look what the booklet for
Hex(CF5237) contains.

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Color

Hex(CF5237)

Conversions

Conversions Part 1

Format	Color
Hex	CF5237
RGB	207, 82, 55
RGB Percent	81%, 32%, 22%
CMY	0.1882, 0.6784, 0.7843
CMYK	0.00, 0.60, 0.73, 0.19
HSL	11°, 61%, 51%
HSV	11°, 73%, 81%
XYZ	29.4390, 19.5758, 5.8413
YIQ	116.2970, 83.1670, 18.1030

Conversions

Conversions Part 2

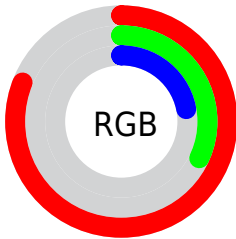
Format	Color
R_{YB}	207, 88, 55
Decimal	13586999
CIE _{Lab}	51.35, 47.98, 40.70
CIE _{LCh}	51, 62.913, 40.307
Yxy	19.5758, 0.5367, 0.3569
Android (android.graphics.Color)	4291777079 (0xFFCF5237)
YUV	116.2970, -30.2194, 79.5465
Hunter-Lab	44.2446, 41.3405, 23.1435

Details

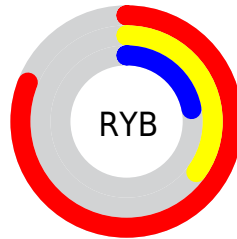
The Hex color **CF5237** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **37B4CF**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF8867**, and **921909** is the 20% darker color. If you saturate the color by 10%, you get **CF4122**, and if you desaturate by 10%, it is **CF634C**.

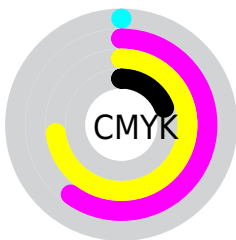
Distribution



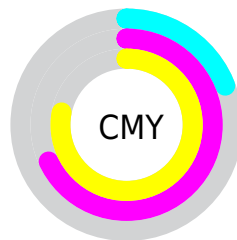
- Red (81%)
- Green (32%)
- Blue (22%)



- Red (81%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (19%)



- Cyan (19%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF5237 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 CF5237 by changing the saturation by 10% instead.

 CF5237

 CF5237

FFFFFF

 B03720

 FF8867

 921909

 FFA381

 740000

 FFBF9B

 560000

 FFDCB6

 3B0002

 FFF9D2

 170000

 FFFFEE

 000000

 CF5237

 CF5237

 CF4122

 CF634C

 CF300E

 CF7460

 CF2500

 CF8575

 CF968A

 CFA79F

 CFB8B3

 CFC9C8

 CFDADD

 CFEBF1

Harmonies

Analogous

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



DA406A



CF5237



B06A00

Triad

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



CF5237



009154



007BE5

Complementary

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



CF5237



37B4CF

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.



008AE0



CF5237



00938C

Square

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



CF5237



468A1D



0091BF



9363CD

Rectangle

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



CF5237



937800



0091BF



0081E7

Sweetspot

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



CF5237



FFD1C7



CF37B6



80645E



000000



808080

Same Dimension

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



CF5237



FF461F



CF9C37



69605E



A81E00



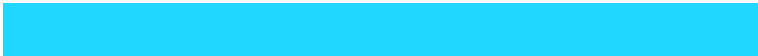
290700

Inverse Universe

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



37B4CF



1FD7FF



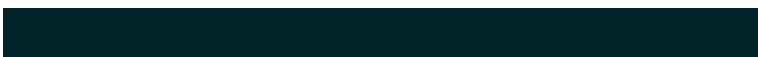
376ACF



5E6769



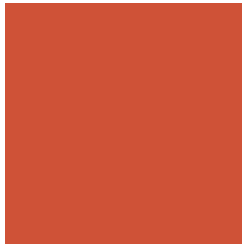
008AA8



002229

Previews

White Background



This preview shows how the Hex color CF5237 looks on a white background.

Color Contrast Check

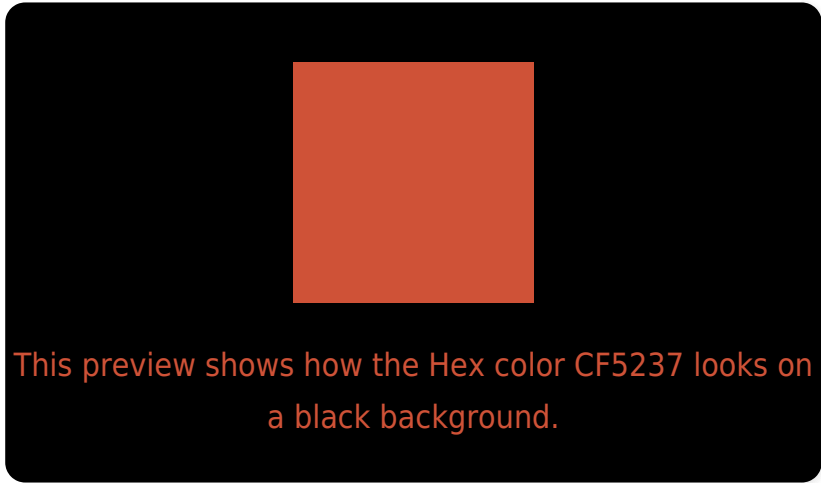
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 CF5237 Background



This preview shows how black text looks on a background with the Hex color CF5237.



This preview shows how white text looks on a background with the Hex color CF5237.

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
CF5237

Protanopia
877B44

Deuteranopia
99752F



Tritanopia
D04E53

Trichromacy



Original Color
CF5237

Protanomaly
A16C3F

Deuteranomaly
AD6832

Tritanomaly
D04F49

Monochromacy



Original Color
CF5237

Achromatopsia
747474

Achromatomaly
95685E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF5237 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 #CF5237 looks like.

```
.text, #text, p{  
    color:#CF5237  
}
```

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 #CF5237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF5237
}
```

Border

The CSS property to change the border of an element to Hex CF5237 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
#CF5237 }
```

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

```
.border{ border-color:#CF5237 }
```

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

Here you see how a box with a 4 pixel #CF5237 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF5237; -webkit-box-shadow:4px 4px  
4px 4px #CF5237; box-shadow:4px 4px 4px  
4px #CF5237 }
```

Background

The CSS property to change the background color of an element to Hex CF5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF5237 }
```

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

```
.background{ background-color:#CF5237 }
```

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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