

Converting Colors

Hex(CC5233)

Have a look what the booklet for
Hex(CC5233) contains.

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Color

Hex(CC5233)

Conversions

Conversions Part 1

Format	Color
Hex	CC5233
RGB	204, 82, 51
RGB Percent	80%, 32%, 20%
CMY	0.2000, 0.6784, 0.8000
CMYK	0.00, 0.60, 0.75, 0.20
HSL	12°, 60%, 50%
HSV	12°, 75%, 80%
XYZ	28.5167, 19.1110, 5.3178
YIQ	114.9440, 82.6630, 16.2230

Conversions

Conversions Part 2

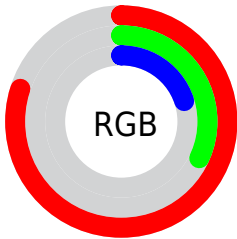
Format	Color
R _Y B	204, 90, 51
Decimal	13390387
CIE Lab	50.82, 46.72, 42.10
CIE LCh	51, 62.889, 42.017
Yxy	19.1110, 0.5386, 0.3610
Android (android.graphics.Color)	4291580467 (0xFFCC5233)
YUV	114.9440, -31.5244, 78.1021
Hunter-Lab	43.7161, 39.9351, 23.3891

Details

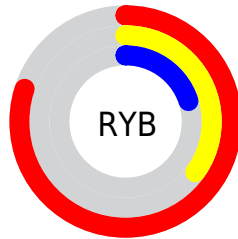
The Hex color **CC5233** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **33ADCC**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF8763**, and **8F1A04** is the 20% darker color. If you saturate the color by 10%, you get **CC421F**, and if you desaturate by 10%, it is **CC6247**.

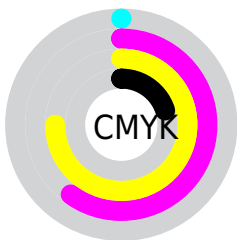
Distribution



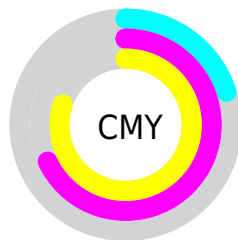
- Red (80%)
- Green (32%)
- Blue (20%)



- Red (80%)
- Yellow (35%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC5233 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 CC5233 by changing the saturation by 10% instead.

 CC5233

 CC5233

FFFFFF

 AD371C

 FF8763

 8F1A04

 FFA37D

 710000

 FFBF97

 530000

 FFDBB2

 390002

 FFF9CD

 110000

 FFFFEA

 000000

 CC5233

 CC5233

 CC421F

 CC6247

 CC310A

 CC735C

 CC2900

 CC8370

 CC9385

 CCA399

 CCB4AD

 CCC4C2

 CCD4D6

 CCE4EB

Harmonies

Analogous

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



D83F66



CC5233



AC6A00

Triad

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



CC5233



008F56



0E78E3

Complementary

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



CC5233



33ADCC

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.



0088DF



CC5233



00918E

Square

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



CC5233



40891F



0090C0



9660C9

Rectangle

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



CC5233



8E7800



0090C0



007EE5

Sweetspot

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



CC5233



FFD0C4



CC33AD



80635C



000000



808080

Same Dimension

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



CC5233



FF4819



CC9E33



665E5C



A62200



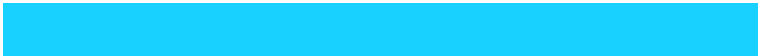
260800

Inverse Universe

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



33ADCC



19D1FF



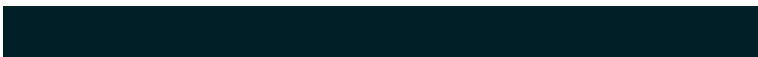
3361CC



5C6466



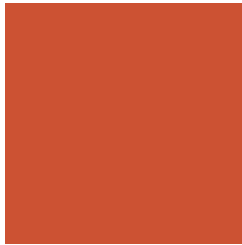
0084A6



001F26

Previews

White Background



This preview shows how the Hex color CC5233 looks on a white background.

Color Contrast Check

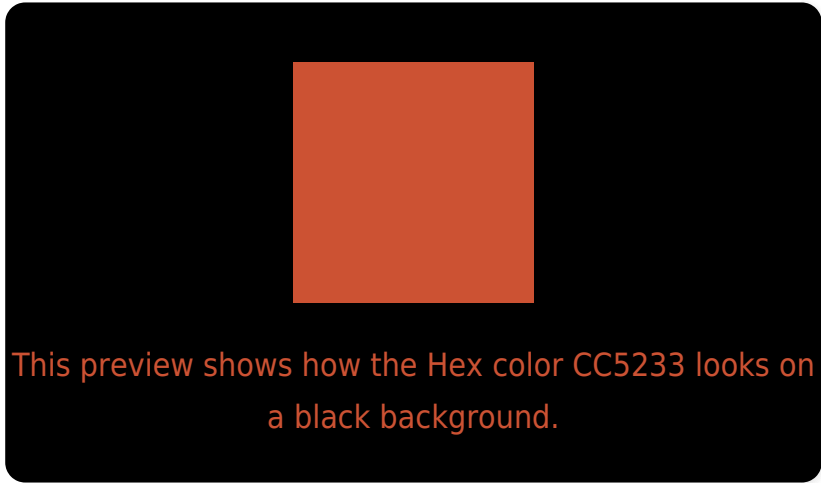
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC5233 Background



This preview shows how black text looks on a background with the Hex color CC5233.

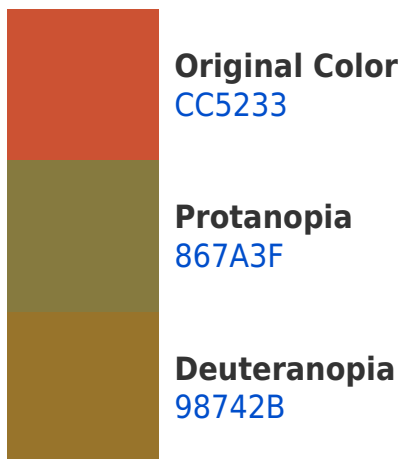



This preview shows how white text looks on a background with the Hex color CC5233.

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
CD4E53

Trichromacy



Original Color
CC5233

Protanomaly
9F6B3B

Deuteranomaly
AB682E

Tritanomaly
CD4F47

Monochromacy



Original Color
CC5233

Achromatopsia
737373

Achromatomaly
93675C

CSS Examples

Text

The CSS property to change the color of the text to Hex CC5233 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 #CC5233 looks like.

```
.text, #text, p{  
    color:#CC5233  
}
```

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 #CC5233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5233
}
```

Border

The CSS property to change the border of an element to Hex CC5233 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
#CC5233 }
```

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

```
.border{ border-color:#CC5233 }
```

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

Here you see how a box with a 4 pixel #CC5233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5233; -webkit-box-shadow:4px 4px  
4px 4px #CC5233; box-shadow:4px 4px 4px  
4px #CC5233 }
```

Background

The CSS property to change the background color of an element to Hex CC5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5233 }
```

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

```
.background{ background-color:#CC5233 }
```

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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