

# Converting Colors

Decimal(13389872)

Have a look what the booklet for  
Decimal(13389872) contains.

<b>Decimal(13389872)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(13389872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC5030
RGB	204, 80, 48
RGB Percent	80%, 31%, 19%
CMY	0.2000, 0.6863, 0.8118
CMYK	0.00, 0.61, 0.76, 0.20
HSL	12°, 62%, 49%
HSV	12°, 76%, 80%
XYZ	28.3040, 18.7881, 4.9310
YIQ	113.4280, 84.1760, 16.3360

# Conversions

## Conversions Part 2

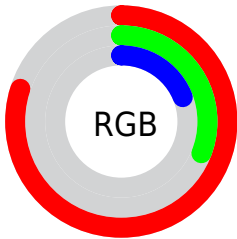
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 88, 48
Decimal	13389872
CIE Lab	50.44, 47.52, 43.26
CIE LCh	50, 64.262, 42.313
Yxy	18.7881, 0.5441, 0.3611
Android (android.graphics.Color)	4291579952 (0xFFCC5030)
YUV	113.4280, -32.2560, 79.4316
Hunter-Lab	43.3452, 40.7046, 23.5968

# Details

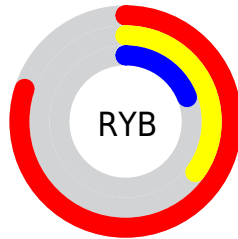
The Decimal color **13389872** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **3189964**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **16746080**, and **9312001** is the 20% darker color. If you saturate the color by 10%, you get **13385756**, and if you desaturate by 10%, it is **13393988**.

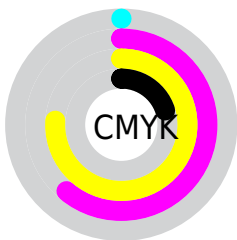
# Distribution



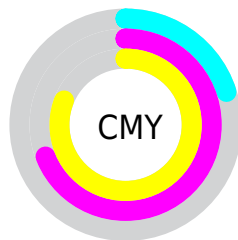
- Red (80%)
- Green (31%)
- Blue (19%)



- Red (80%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (61%)
- Yellow (76%)
- Black (20%)













- Cyan (20%)
- Magenta (69%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13389872 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 Decimal color 13389872 by changing the saturation by 10% instead.



 13389872	 13389872
16777215	 11351321
 16746080	 9312001
 16753017	 7340032
 16760212	 5439488
 16767406	 3670018
 16775114	 1048576
 16777190	 0
 13389872	 13389872
 13385756	 13393988

13381639

13398105

13380096

13402477

13406594

13410710

13414826

13419199

13423315

13427432

# Harmonies

## Analogous

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



14236772



13389872



11233536

# Triad

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



13389872



36693



30692

# Complementary

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



13389872



3189964

# 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.



34785



13389872



37262

# Square

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



13389872



3967259



36801



9854666

# Rectangle

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



13389872



9271040



36801



32486



# Sweetspot

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



13389872



16765124



13381805



8414044



0



8421504



# Same Dimension

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



13389872



16729364



13409584



6708828



10887680



2492416

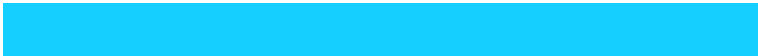


# Inverse Universe

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



3189964



1363967



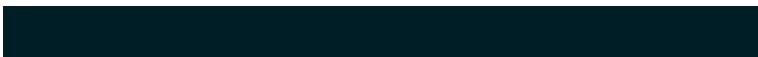
3170252



6055014



33958

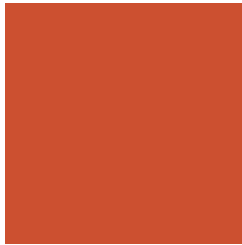


7718



# Previews

## White Background



This preview shows how the Decimal color 13389872 looks on a white background.

## Color Contrast Check

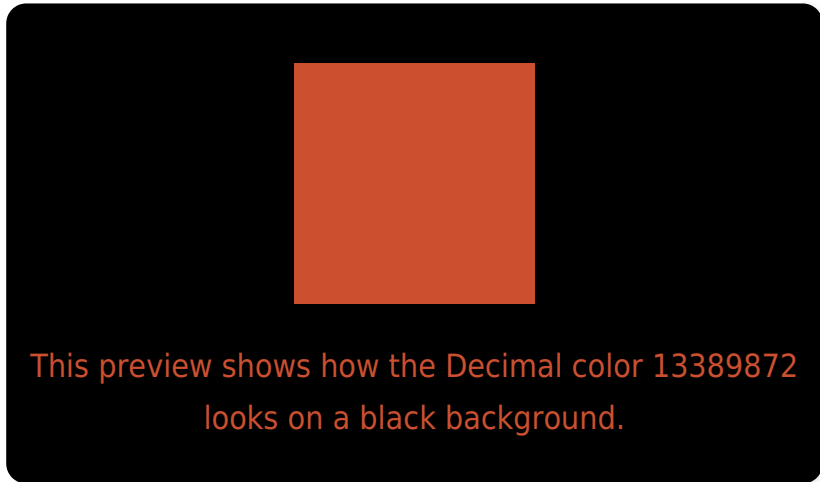
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 13389872 Background



This preview shows how black text looks on a background with the Decimal color 13389872.




This preview shows how white text looks on a background with the Decimal color 13389872.

# 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**  
13454417

# Trichromacy



**Original Color**  
13389872

**Protanomaly**  
10447416

**Deuteranomaly**  
11167274

**Tritanomaly**  
13454661

# Monochromacy



**Original Color**  
13389872

**Achromatopsia**  
7434609

**Achromatomaly**  
9594201

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13389872 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 #CC5030 looks like.

```
.text, #text, p{  
    color:#CC5030  
}
```

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 #CC5030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC5030
}
```

## Border

The CSS property to change the border of an element to Decimal 13389872 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
#CC5030 }
```

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

```
.border{ border-color:#CC5030 }
```

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

Here you see how a box with a 4 pixel #CC5030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC5030; -webkit-box-shadow:4px 4px  
4px 4px #CC5030; box-shadow:4px 4px 4px  
4px #CC5030 }
```

# Background

The CSS property to change the background color of an element to Decimal 13389872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC5030 }
```

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

```
.background{ background-color:#CC5030 }
```

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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