

# Converting Colors

Decimal(13330488)

Have a look what the booklet for  
Decimal(13330488) contains.

<b>Decimal(13330488)</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(13330488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB6838
RGB	203, 104, 56
RGB Percent	80%, 41%, 22%
CMY	0.2039, 0.5922, 0.7804
CMYK	0.00, 0.49, 0.72, 0.20
HSL	20°, 59%, 51%
HSV	20°, 72%, 80%
XYZ	30.2927, 22.8827, 6.5616
YIQ	128.1290, 74.4120, 6.0600

# Conversions

## Conversions Part 2

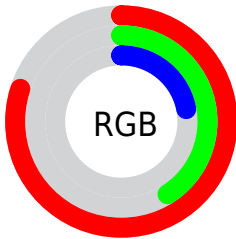
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 127, 56
Decimal	13330488
CIE Lab	54.95, 35.71, 43.92
CIE LCh	55, 56.605, 50.884
Yxy	22.8827, 0.5071, 0.3831
Android (android.graphics.Color)	4291520568 (0xFFCB6838)
YUV	128.1290, -35.5596, 65.6619
Hunter-Lab	47.8358, 29.3250, 25.3524

# Details

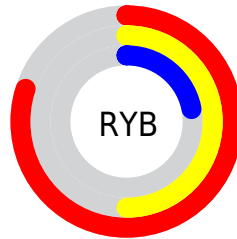
The Decimal color **13330488** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3709899**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **16751977**, and **9385478** is the 20% darker color. If you saturate the color by 10%, you get **13326884**, and if you desaturate by 10%, it is **13334092**.

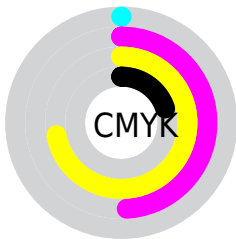
# Distribution



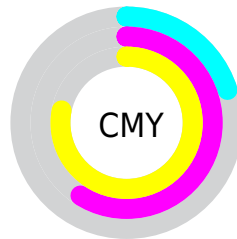
- Red (80%)
- Green (41%)
- Blue (22%)



- Red (80%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (20%)






















- Cyan (20%)
- Magenta (59%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13330488 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 13330488 by changing the saturation by 10% instead.



 13330488	 13330488
16777215	 11357984
 16751977	 9385478
 16758915	 7478528
 16766109	 5570560
 16773561	 3735552
 16777173	 1769473
 16777201	 0
 13330488	 13330488
 13326884	 13334092

13323535

13337441

13320704

13341045

13344649

13347998

13351602

13355206

13358554

13362159

# Harmonies

## Analogous

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



14440292



13330488



11107351

# Triad

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



13330488



39538



6782432

# Complementary

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



13330488



3709899

# 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.



36580



13330488



39845

# Square

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



13330488



4035906



38863



11560898

# Rectangle

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



13330488



9209620



38863



4031460

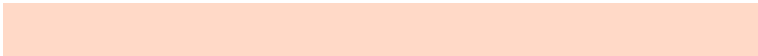


# Sweetspot

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



13330488



16767431



13318300



8415582



0



8421504



# Same Dimension

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



13330488



16738849



13348920



6709084



10892800



2493440



# Inverse Universe

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



3709899



2209791



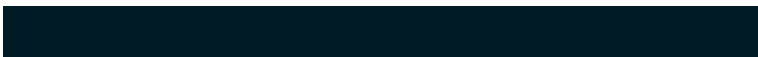
3691467



6054758



28838

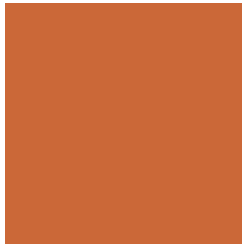


6694



# Previews

## White Background



This preview shows how the Decimal color 13330488 looks on a white background.

## Color Contrast Check

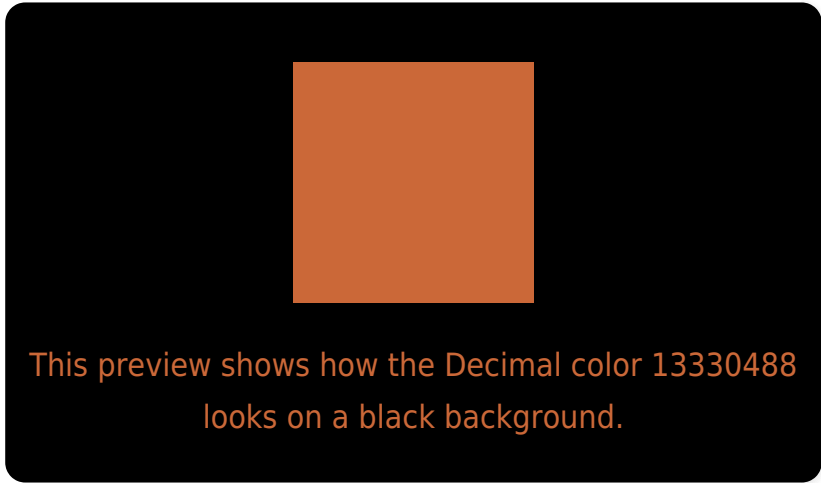
Large Text (above 18pt) WCAG AA ✓ Pass

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 13330488 Background



This preview shows how black text looks on a background with the Decimal color 13330488.



This preview shows how white text looks on a background with the Decimal color 13330488.

# 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**  
13330488

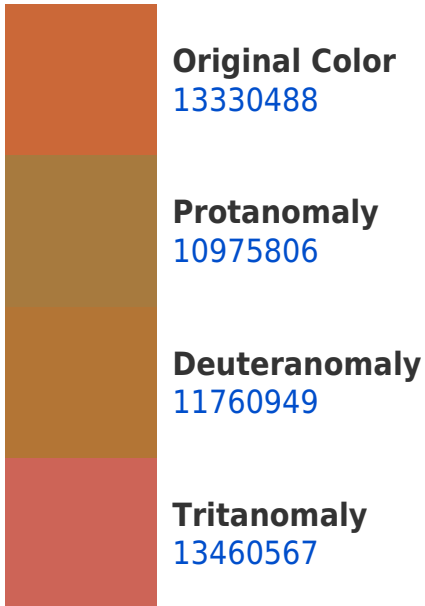
**Protanopia**  
9602113

**Deuteranopia**  
10845491



**Tritanopia**  
13525609

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13330488 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 #CB6838 looks like.

```
.text, #text, p{  
    color:#CB6838  
}
```

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 #CB6838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6838
}
```

## Border

The CSS property to change the border of an element to Decimal 13330488 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
#CB6838 }
```

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

```
.border{ border-color:#CB6838 }
```

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

Here you see how a box with a 4 pixel #CB6838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6838; -webkit-box-shadow:4px 4px  
4px 4px #CB6838; box-shadow:4px 4px 4px  
4px #CB6838 }
```

# Background

The CSS property to change the background color of an element to Decimal 13330488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6838 }
```

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

```
.background{ background-color:#CB6838 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor