

# Converting Colors

Decimal(13467187)

Have a look what the booklet for  
Decimal(13467187) contains.

<b>Decimal(13467187)</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(13467187)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD7E33
RGB	205, 126, 51
RGB Percent	80%, 49%, 20%
CMY	0.1961, 0.5059, 0.8000
CMYK	0.00, 0.39, 0.75, 0.20
HSL	29°, 61%, 50%
HSV	29°, 75%, 80%
XYZ	33.2352, 28.1399, 6.8118
YIQ	141.0710, 71.1590, -6.5770

# Conversions

## Conversions Part 2

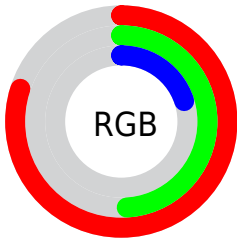
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 197, 51
Decimal	13467187
CIE <sub>Lab</sub>	60.01, 24.60, 51.66
CIE <sub>LCh</sub>	60, 57.224, 64.535
Yxy	28.1399, 0.4874, 0.4127
Android (android.graphics.Color)	4291657267 (0xFFCD7E33)
YUV	141.0710, -44.4050, 56.0657
Hunter-Lab	53.0470, 19.0023, 29.5194

# Details

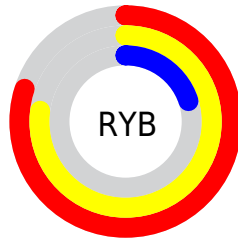
The Decimal color **13467187** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3375821**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **16757606**, and **9522176** is the 20% darker color. If you saturate the color by 10%, you get **13464350**, and if you desaturate by 10%, it is **13470023**.

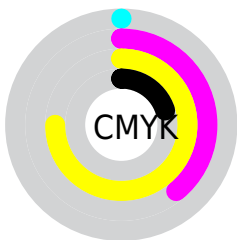
# Distribution



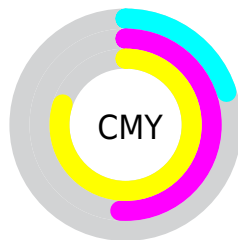
- Red (80%)
- Green (49%)
- Blue (20%)



- Red (80%)
- Yellow (77%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13467187 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 13467187 by changing the saturation by 10% instead.



 13467187  13467187

16777215  11494681

 16757606  9522176

 16764800  7681280

 16771995  5774848

 16777142  3934208

 16777170  2490369

 16777199  0

 13467187  13467187

 13464350  13470023

13461770

13472604

13460480

13475440

13478021

13480857

13483438

13486275

13488855

13491691

# Harmonies

## Analogous

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



15166042



13467187



10785057

# Triad

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



13467187



43415



10256612

# Complementary

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



13467187



3375821

# 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.



2462965



13467187



43208

# Square

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



13467187



829027



41451



13921213

# Rectangle

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



13467187



8624684



41451



8488941



# Sweetspot

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



13467187



16769476



13448067



8416604



0



8421504



# Same Dimension

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



13467187



16746777



13486643



6709596



10899712



2495232



# Inverse Universe

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



3375821



1675263



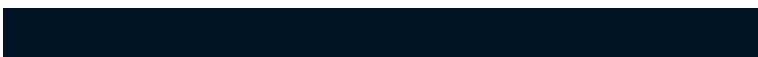
3356365



6054246



21926



5158



# Previews

## White Background



This preview shows how the Decimal color 13467187 looks on a white background.

## Color Contrast Check

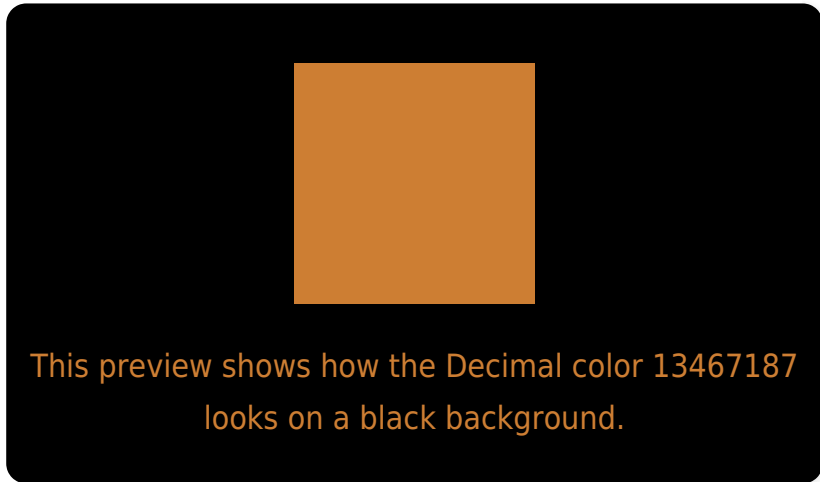
Large Text (above 18pt) WCAG AA ✓ Pass

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

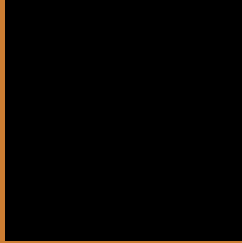
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13467187 Background



This preview shows how black text looks on a background with the Decimal color 13467187.



This preview shows how white text looks on a background with the Decimal color 13467187.

# 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**  
13467187

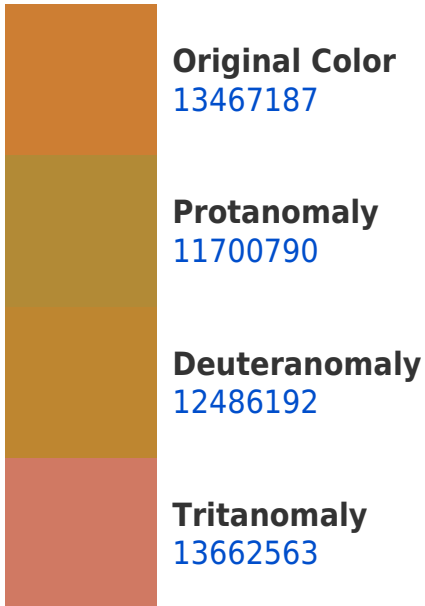
**Protanopia**  
10654008

**Deuteranopia**  
11962927



**Tritanopia**  
13727359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13467187 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 #CD7E33 looks like.

```
.text, #text, p{  
    color:#CD7E33  
}
```

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 #CD7E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD7E33
}
```

## Border

The CSS property to change the border of an element to Decimal 13467187 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
#CD7E33 }
```

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

```
.border{ border-color:#CD7E33 }
```

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

Here you see how a box with a 4 pixel #CD7E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD7E33; -webkit-box-shadow:4px 4px  
4px 4px #CD7E33; box-shadow:4px 4px 4px  
4px #CD7E33 }
```

# Background

The CSS property to change the background color of an element to Decimal 13467187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD7E33 }
```

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

```
.background{ background-color:#CD7E33 }
```

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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