

# Converting Colors

Decimal(13133121)

Have a look what the booklet for  
Decimal(13133121) contains.

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# Color

**Decimal(13133121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C86541
RGB	200, 101, 65
RGB Percent	78%, 40%, 25%
CMY	0.2157, 0.6039, 0.7451
CMYK	0.00, 0.50, 0.68, 0.22
HSL	16°, 55%, 52%
HSV	16°, 68%, 78%
XYZ	29.4272, 21.9684, 7.6904
YIQ	126.4970, 70.5600, 9.7920

# Conversions

## Conversions Part 2

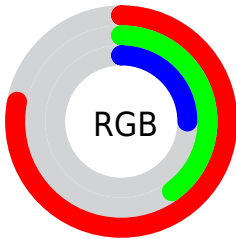
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 114, 65
Decimal	13133121
CIE Lab	53.99, 36.56, 38.01
CIE LCh	54, 52.734, 46.114
Yxy	21.9684, 0.4980, 0.3718
Android (android.graphics.Color)	4291323201 (0xFFC86541)
YUV	126.4970, -30.3180, 64.4621
Hunter-Lab	46.8704, 30.0466, 23.0812

# Details

The Decimal color **13133121** 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 **4302024**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **16751218**, and **9188115** is the 20% darker color. If you saturate the color by 10%, you get **13129261**, and if you desaturate by 10%, it is **13136981**.

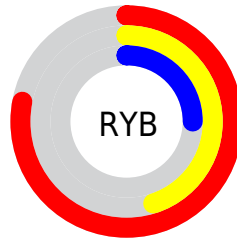
# Distribution



Red (78%)

Green (40%)

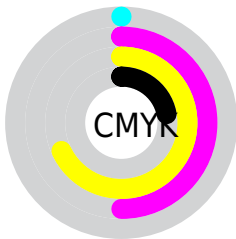
Blue (25%)



Red (78%)

Yellow (45%)

Blue (25%)

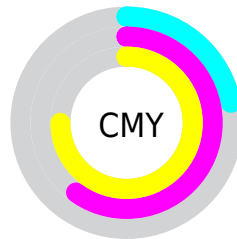


Cyan (0%)

Magenta (50%)

Yellow (68%)

Black (22%)



Cyan (22%)

Magenta (60%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13133121 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 13133121 by changing the saturation by 10% instead.



 13133121  13133121

16777215  11160618


 16751218  9188115

 16758156  7346432

 16765351  5439488

 16772802  3604480

 16777182  1507328

 16777211  0

 13133121  13133121

 13129261  13136981

13125657

13140585

13121797

13144445

13120768

13148305

13151909

13155769

13159629

13163233

13167093

# Harmonies

## Analogous

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



13916266



13133121



11237155

# Triad

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



13133121



38506



5865177

# Complementary

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



13133121



4302024

# 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.



36057



13133121



38809

# Square

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



13133121



5083198



38082



10709697

# Rectangle

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



13133121



9470492



38082



2917340



# Sweetspot

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



13133121



16767692



13124004



8415585



0



8421504



# Same Dimension

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



13133121



16738352



13150529



6511706



10693632



2361856



# Inverse Universe

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



4302024



3197183



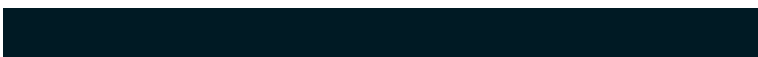
4284872



5923171



30883

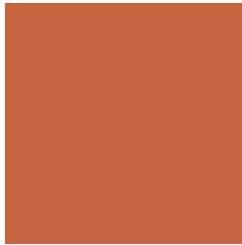


6692



# Previews

## White Background



This preview shows how the Decimal color 13133121 looks on a white background.

## Color Contrast Check

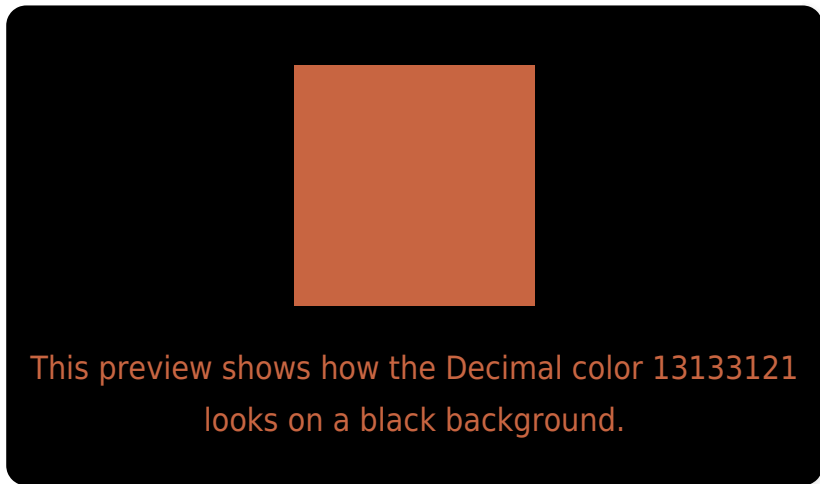
Large Text (above 18pt) WCAG AA ✓ Pass

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 13133121 Background



This preview shows how black text looks on a background with the Decimal color 13133121.



This preview shows how white text looks on a background with the Decimal color 13133121.

# 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**  
13262951

# Trichromacy



**Original Color**  
13133121

**Protanomaly**  
10712903

**Deuteranomaly**  
11498302

**Tritanomaly**  
13197913

# Monochromacy



**Original Color**  
13133121

**Achromatopsia**  
8289918

**Achromatomaly**  
10057064

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13133121 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 #C86541 looks like.

```
.text, #text, p{  
    color:#C86541  
}
```

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 #C86541 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C86541
}
```

## Border

The CSS property to change the border of an element to Decimal 13133121 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
#C86541 }
```

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

```
.border{ border-color:#C86541 }
```

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

Here you see how a box with a 4 pixel #C86541 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C86541; -webkit-box-shadow:4px 4px  
4px 4px #C86541; box-shadow:4px 4px 4px  
4px #C86541 }
```

# Background

The CSS property to change the background color of an element to Decimal 13133121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C86541 }
```

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

```
.background{ background-color:#C86541 }
```

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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