

# Converting Colors

Decimal(12936764)

Have a look what the booklet for  
Decimal(12936764) contains.

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# Color

**Decimal(12936764)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5663C
RGB	197, 102, 60
RGB Percent	77%, 40%, 24%
CMY	0.2275, 0.6000, 0.7647
CMYK	0.00, 0.48, 0.70, 0.23
HSL	18°, 54%, 50%
HSV	18°, 70%, 77%
XYZ	28.5929, 21.6993, 6.9563
YIQ	125.6170, 70.1020, 7.0780

# Conversions

## Conversions Part 2

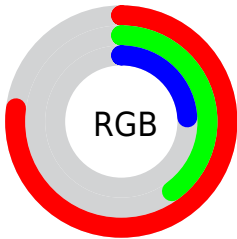
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 121, 60
Decimal	12936764
CIE <sub>Lab</sub>	53.71, 34.57, 40.23
CIE <sub>LCh</sub>	54, 53.040, 49.331
Yxy	21.6993, 0.4995, 0.3790
Android (android.graphics.Color)	4291126844 (0xFFC5663C)
YUV	125.6170, -32.3492, 62.6029
Hunter-Lab	46.5825, 28.0462, 23.7538

# Details

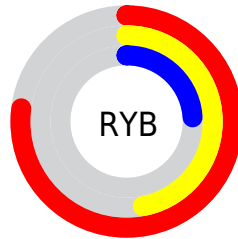
The Decimal color **12936764** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **3972037**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **16751213**, and **9057293** is the 20% darker color. If you saturate the color by 10%, you get **12933160**, and if you desaturate by 10%, it is **12940368**.

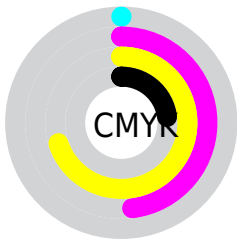
# Distribution



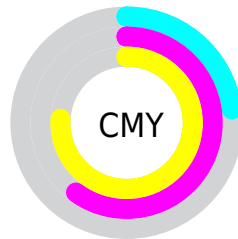
- Red (77%)
- Green (40%)
- Blue (24%)



- Red (77%)
- Yellow (47%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (23%)






















- Cyan (23%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12936764 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 12936764 by changing the saturation by 10% instead.



 12936764	 12936764
16777215	 10964261
 16751213	 9057293
 16758407	 7150336
 16765601	 5242880
 16772797	 3473408
 16777177	 1179648
 16777205	 0
 12936764	 12936764
 12933160	 12940368

 12929813

 12943715

 12926209

 12947319

 12925952

 12950923

 12954271

 12957874

 12961478

 12964826

 12968429

# Harmonies

## Analogous

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



13850469



12936764



10909727

# Triad

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



12936764



38254



6519767

# Complementary

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



12936764



3972037

# 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.



35546



12936764



38557

# Square

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



12936764



4493377



37829



11036604

# Rectangle

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



12936764



9143067



37829



3965403

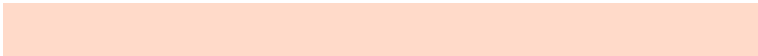


# Sweetspot

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



12936764



16767689



12926108



8415584



0



8421504



# Same Dimension

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



12936764



16739371



12954172



6511962



10695168



2362112



# Inverse Universe

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



3972037



2866943



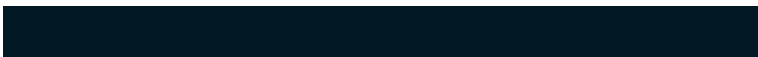
3954629



5922915



29091

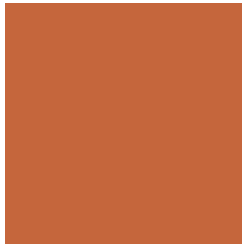


6436



# Previews

## White Background



This preview shows how the Decimal color 12936764 looks on a white background.

## Color Contrast Check

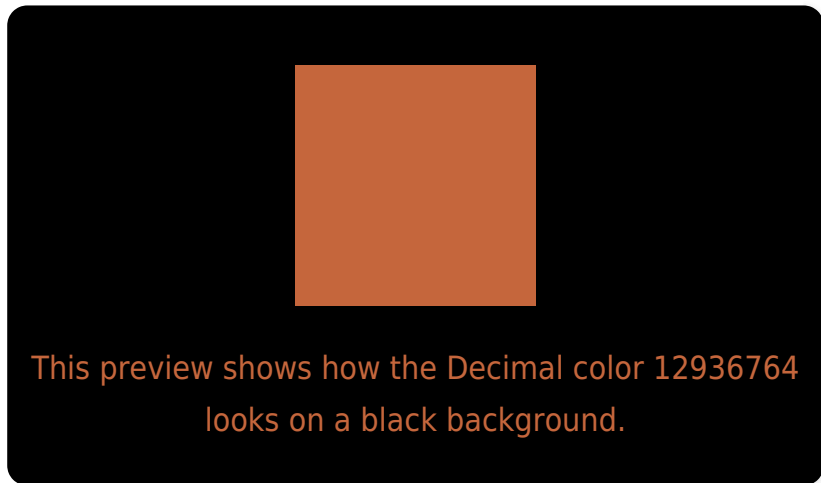
Large Text (above 18pt) WCAG AA ✓ Pass

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 12936764 Background



This preview shows how black text looks on a background with the Decimal color 12936764.



This preview shows how white text looks on a background with the Decimal color 12936764.

# 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**  
12936764

**Protanopia**  
9339205

**Deuteranopia**  
10517303



**Tritanopia**  
13066600

# Trichromacy



**Original Color**  
12936764

**Protanomaly**  
10647362

**Deuteranomaly**  
11367225

**Tritanomaly**  
13001560

# Monochromacy



**Original Color**  
12936764

**Achromatopsia**  
8289918

**Achromatomaly**  
9991526

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12936764 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 #C5663C looks like.

```
.text, #text, p{  
    color:#C5663C  
}
```

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 #C5663C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5663C
}
```

## Border

The CSS property to change the border of an element to Decimal 12936764 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
#C5663C }
```

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

```
.border{ border-color:#C5663C }
```

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

Here you see how a box with a 4 pixel #C5663C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5663C; -webkit-box-shadow:4px 4px  
4px 4px #C5663C; box-shadow:4px 4px 4px  
4px #C5663C }
```

# Background

The CSS property to change the background color of an element to Decimal 12936764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5663C }
```

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

```
.background{ background-color:#C5663C }
```

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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