

# Converting Colors

Decimal(13527601)

Have a look what the booklet for  
Decimal(13527601) contains.

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# Color

**Decimal(13527601)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE6A31
RGB	206, 106, 49
RGB Percent	81%, 42%, 19%
CMY	0.1922, 0.5843, 0.8078
CMYK	0.00, 0.49, 0.76, 0.19
HSL	22°, 62%, 50%
HSV	22°, 76%, 81%
XYZ	31.1620, 23.6516, 5.8285
YIQ	129.4020, 77.8970, 3.4730

# Conversions

## Conversions Part 2

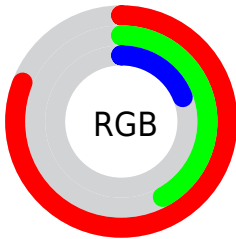
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 138, 49
Decimal	13527601
CIE <sub>Lab</sub>	55.74, 35.56, 48.31
CIE <sub>LCh</sub>	56, 59.986, 53.644
Yxy	23.6516, 0.5139, 0.3900
Android (android.graphics.Color)	4291717681 (0xFFCE6A31)
YUV	129.4020, -39.6382, 67.1764
Hunter-Lab	48.6329, 29.2679, 26.9373

# Details

The Decimal color **13527601** 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 **3249614**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **16752483**, and **9517056** is the 20% darker color. If you saturate the color by 10%, you get **13524252**, and if you desaturate by 10%, it is **13530950**.

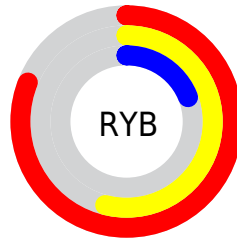
# Distribution



Red (81%)

Green (42%)

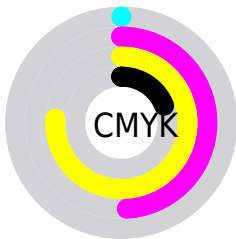
Blue (19%)



Red (81%)

Yellow (54%)

Blue (19%)

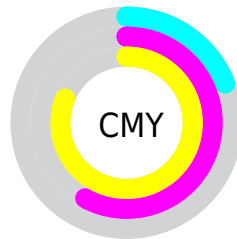


Cyan (0%)

Magenta (49%)

Yellow (76%)

Black (19%)



Cyan (19%)

Magenta (58%)


Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13527601 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 13527601 by changing the saturation by 10% instead.



 13527601	 13527601
 16777215	 11489560
 16752483	 9517056
 16759420	 7610112
 16766615	 5702144
 16774066	 3866624
 16777166	 2031617
 16777194	 0
 13527601	 13527601
 13524252	 13530950

 13520904

 13534298

 13519616

 13537647

 13540995

 13544600

 13547949

 13551297

 13554646

 13557994

# Harmonies

## Analogous

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



14833247



13527601



11108106

# Triad

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



13527601



40312



7372006

# Complementary

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



13527601



3249614

# 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.



36845



13527601



40622

# Square

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



13527601



3053892



39641



12215748

# Rectangle

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



13527601



9013769



39641



4621291



# Sweetspot

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



13527601



16767684



13513111



8415580



0



8421504



# Same Dimension

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



13527601



16739095



13547057



6709340



10894336



2493952

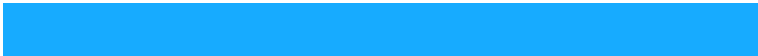


# Inverse Universe

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



3249614



1551359



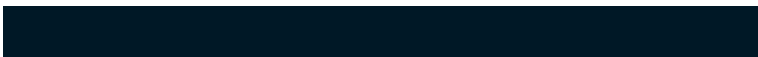
3230158



6054502



27302



6182



# Previews

## White Background



This preview shows how the Decimal color 13527601 looks on a white background.

## Color Contrast Check

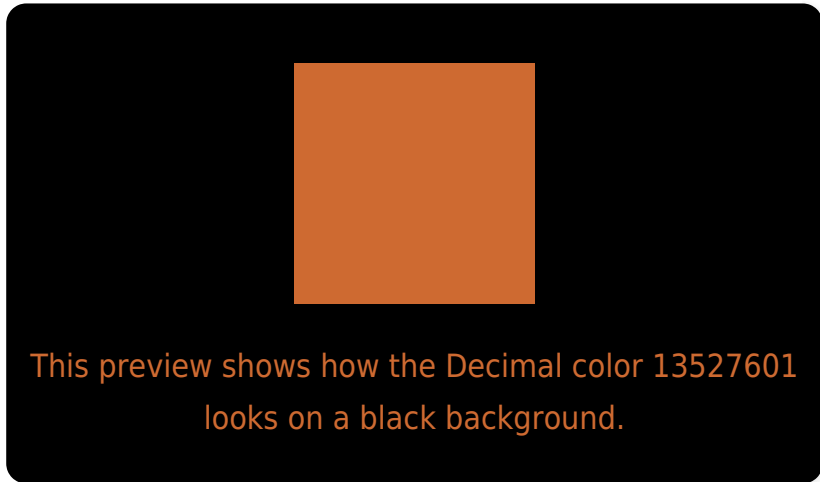
Large Text (above 18pt) WCAG AA ✓ Pass

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

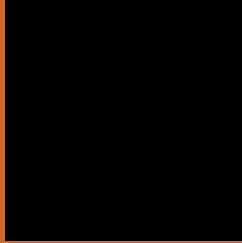
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 13527601 Background



This preview shows how black text looks on a background with the Decimal color 13527601.



This preview shows how white text looks on a background with the Decimal color 13527601.

# 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**  
13527601

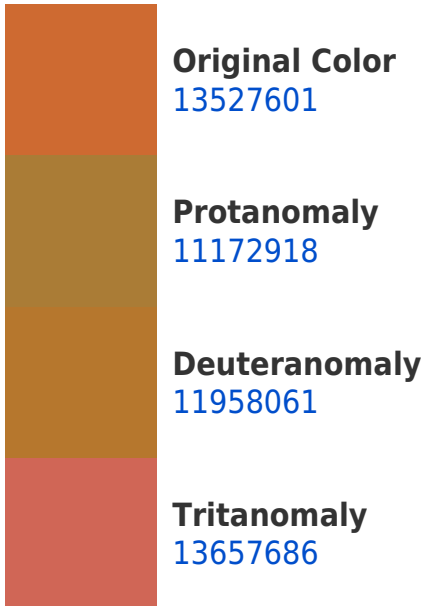
**Protanopia**  
9799225

**Deuteranopia**  
11042603



**Tritanopia**  
13722731

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13527601 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 #CE6A31 looks like.

```
.text, #text, p{  
    color:#CE6A31  
}
```

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 #CE6A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE6A31
}
```

## Border

The CSS property to change the border of an element to Decimal 13527601 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
#CE6A31 }
```

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

```
.border{ border-color:#CE6A31 }
```

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

Here you see how a box with a 4 pixel #CE6A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE6A31; -webkit-box-shadow:4px 4px  
4px 4px #CE6A31; box-shadow:4px 4px 4px  
4px #CE6A31 }
```

# Background

The CSS property to change the background color of an element to Decimal 13527601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE6A31 }
```

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

```
.background{ background-color:#CE6A31 }
```

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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