

# Converting Colors

Decimal(16752961)

Have a look what the booklet for  
Decimal(16752961) contains.

<b>Decimal(16752961)</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(16752961)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA141
RGB	255, 161, 65
RGB Percent	100%, 63%, 25%
CMY	0.0000, 0.3686, 0.7451
CMYK	0.00, 0.37, 0.75, 0.00
HSL	30°, 100%, 63%
HSV	30°, 75%, 100%
XYZ	54.9390, 47.1314, 11.2027
YIQ	178.1620, 86.8400, -9.9280

# Conversions

## Conversions Part 2

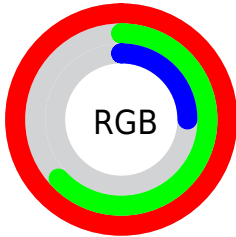
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 255, 65
Decimal	16752961
CIELab	74.27, 27.39, 61.93
CIELCh	74, 67.715, 66.140
Yxy	47.1314, 0.4850, 0.4161
Android (android.graphics.Color)	4294943041 (0xFFFFA141)
YUV	178.1620, -55.7889, 67.3869
Hunter-Lab	68.6523, 22.7031, 38.3817

# Details

The Decimal color **16752961** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4300799**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16767094**, and **12676352** is the 20% darker color. If you saturate the color by 10%, you get **16749607**, and if you desaturate by 10%, it is **16756314**.

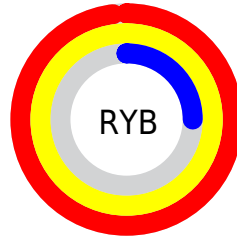
# Distribution



Red (100%)

Green (63%)

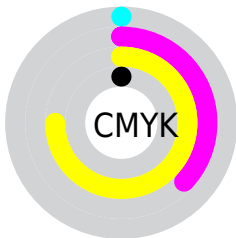
Blue (25%)



Red (98%)

Yellow (100%)

Blue (25%)

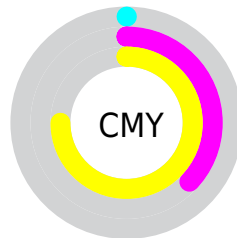


Cyan (0%)

Magenta (37%)

Yellow (75%)

Black (0%)



Cyan (0%)

Magenta (37%)


















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16752961 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 16752961 by changing the saturation by 10% instead.



 16752961	 16752961
 16777215	 14714661
 16767094	 12676352
 16774545	 10638336
 16777133	 8731648
 16777161	 6759680
 16777190	 4918784
	 3145728
	 458752
	 0

16752961

16752961

16749607

16756314

16746510

16759412

16744704

16762766

16765863

16769217

16772570

16775667

16777215

# Harmonies

## Analogous

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



16746865



16752961



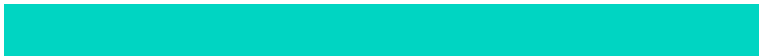
13416493

# Triad

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



16752961



54722



13279743

# Complementary

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



16752961



4300799

# 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.



4504063



16752961



54271

# Square

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



16752961



53634



51967



16746474

# Rectangle

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



16752961



10666813



51967



11119359



# Sweetspot

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



16752961



16769991



16728480



8417118



0



8421504



# Same Dimension

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



16752961



16748316



16777025



8419699



12542208



4202496



# Inverse Universe

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



4300799



1871103



4276735



7567744



24511



8256



# Previews

## White Background



This preview shows how the Decimal color 16752961 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16752961 looks on a 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 ✓ Pass

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



## Decimal 16752961 Background



This preview shows how black text looks on a background with the Decimal color 16752961.



This preview shows how white text looks on a background with the Decimal color 16752961.

# 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**  
16752961

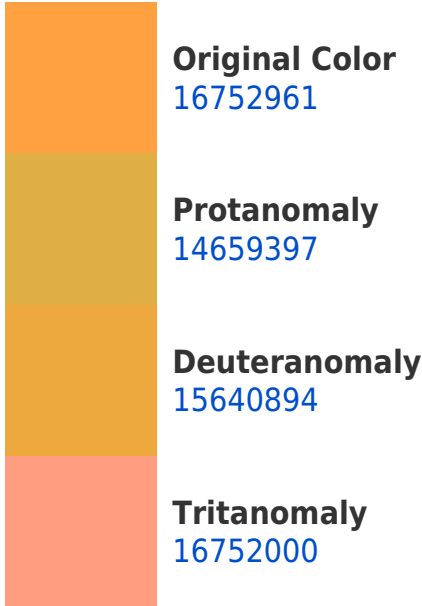
**Protanopia**  
13416263

**Deuteranopia**  
15052349



**Tritanopia**  
16751268

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16752961 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 #FFA141 looks like.

```
.text, #text, p{  
  color:#FFA141  
}
```

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 #FFA141 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFA141
}
```

## Border

The CSS property to change the border of an element to Decimal 16752961 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
#FFA141 }
```

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

```
.border{ border-color:#FFA141 }
```

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

Here you see how a box with a 4 pixel #FFA141 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFA141; -webkit-box-shadow:4px 4px  
4px 4px #FFA141; box-shadow:4px 4px 4px  
4px #FFA141 }
```

# Background

The CSS property to change the background color of an element to Decimal 16752961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFA141 }
```

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

```
.background{ background-color:#FFA141 }
```

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