

# Converting Colors

Decimal(16750421)

Have a look what the booklet for  
Decimal(16750421) contains.

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# **Color**

**Decimal(16750421)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9755
RGB	255, 151, 85
RGB Percent	100%, 59%, 33%
CMY	0.0000, 0.4078, 0.6667
CMYK	0.00, 0.41, 0.67, 0.00
HSL	23°, 100%, 67%
HSV	23°, 67%, 100%
XYZ	53.9463, 44.0491, 14.2534
YIQ	174.5720, 83.1700, 1.5220

# Conversions

## Conversions Part 2

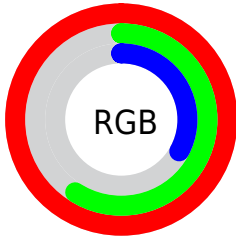
Format	Color
<a href="#">RYB</a>	<a href="#">255, 193, 85</a>
Decimal	<a href="#">16750421</a>
CIELab	<a href="#">72.26, 33.54, 50.62</a>
CIElCh	<a href="#">72, 60.728, 56.473</a>
Yxy	<a href="#">44.0491, 0.4806, 0.3924</a>
Android (android.graphics.Color)	<a href="#">4294940501 (0xFFFF9755)</a>
YUV	<a href="#">174.5720, -44.1590, 70.5354</a>
Hunter-Lab	<a href="#">66.3695, 28.9414, 33.7256</a>

# Details

The Decimal color **16750421** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5619199**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16764553**, and **12673827** is the 20% darker color. If you saturate the color by 10%, you get **16746299**, and if you desaturate by 10%, it is **16754542**.

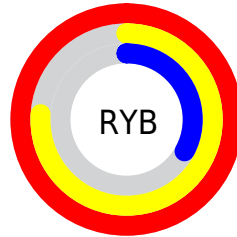
# Distribution



Red (100%)

Green (59%)

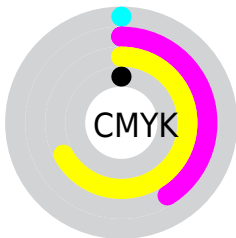
Blue (33%)



Red (100%)

Yellow (76%)

Blue (33%)

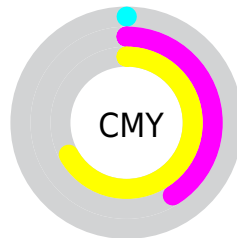


Cyan (0%)

Magenta (41%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16750421 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 16750421 by changing the saturation by 10% instead.



 16750421

 16750421

16777215

 14712124

 16764553

 12673827

 16771748

 10701318

 16777151

 8729088

 16777180

 6822144

 16777208

 4915200

 3211264

 0

 16750421

 16750421

■ 16746299

■ 16754542

■ 16742434

■ 16758408

■ 16738312

■ 16762530

■ 16737024

■ 16766395

■ 16770516

■ 16774638

16777215

# Harmonies

## Analogous

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



16745603



16750421



14003260

# Triad

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



16750421



52393



11052543

# Complementary

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



16750421



5619199

# 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.



47615



16750421



52449

# Square

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



16750421



5687153



50943



15699695

# Rectangle

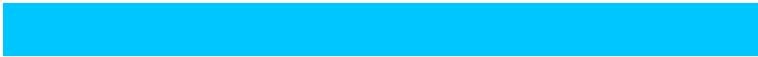
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16750421



11712575



50943



8826367



# Sweetspot

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



16750421



16769228



16733630



8416609



0



8421504



# Same Dimension

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



16750421



16745011



16771925



8419443



12536320



4200704



# Inverse Universe

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



5619199



3387647



5597695



7568256



30143



10048



# Previews

## White Background



This preview shows how the Decimal color 16750421 looks on a white background.

## Color Contrast Check

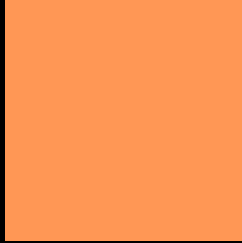
Large Text (above 18pt) WCAG AA × Fail

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 16750421 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 16750421 Background



This preview shows how black text looks on a background with the Decimal color 16750421.



This preview shows how white text looks on a background with the Decimal color 16750421.

# 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**  
16750421

**Protanopia**  
12890718

**Deuteranopia**  
14461265



**Tritanopia**  
16748955

# Trichromacy



**Original Color**  
16750421

**Protanomaly**  
14264411

**Deuteranomaly**  
15311442

**Tritanomaly**  
16749442

# Monochromacy



**Original Color**  
16750421

**Achromatopsia**  
11513775

**Achromatomaly**  
13411982

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16750421 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 #FF9755 looks like.

```
.text, #text, p{  
    color:#FF9755  
}
```

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 #FF9755 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9755
}
```

## Border

The CSS property to change the border of an element to Decimal 16750421 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
#FF9755 }
```

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

```
.border{ border-color:#FF9755 }
```

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

Here you see how a box with a 4 pixel #FF9755 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9755; -webkit-box-shadow:4px 4px  
4px 4px #FF9755; box-shadow:4px 4px 4px  
4px #FF9755 }
```

# Background

The CSS property to change the background color of an element to Decimal 16750421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9755 }
```

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

```
.background{ background-color:#FF9755 }
```

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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