

# Converting Colors

Decimal(16490055)

Have a look what the booklet for  
Decimal(16490055) contains.

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# **Color**

**Decimal(16490055)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB9E47
RGB	251, 158, 71
RGB Percent	98%, 62%, 28%
CMY	0.0157, 0.3804, 0.7216
CMYK	0.00, 0.37, 0.72, 0.02
HSL	29°, 96%, 63%
HSV	29°, 72%, 98%
XYZ	53.1479, 45.4179, 11.9266
YIQ	175.8890, 83.3550, -7.3410

# Conversions

## Conversions Part 2

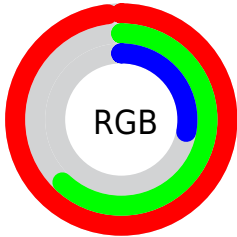
<b>Format</b>	<b>Color</b>
<b>RYB</b>	251, 239, 71
Decimal	16490055
CIELab	73.17, 27.59, 58.04
CIELCh	73, 64.265, 64.577
Yxy	45.4179, 0.4810, 0.4111
Android (android.graphics.Color)	4294680135 (0xFFFB9E47)
YUV	175.8890, -51.7103, 65.8723
Hunter-Lab	67.3928, 22.8327, 36.6823

# Details

The Decimal color **16490055** 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 **4695291**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16766331**, and **12413454** is the 20% darker color. If you saturate the color by 10%, you get **16486702**, and if you desaturate by 10%, it is **16493408**.

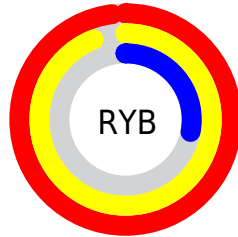
# Distribution



Red (98%)

Green (62%)

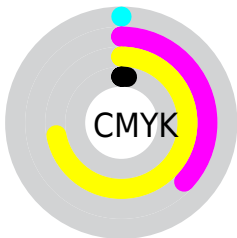
Blue (28%)



Red (98%)

Yellow (94%)

Blue (28%)

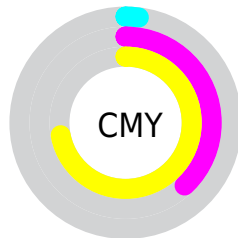


Cyan (0%)

Magenta (37%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (38%)
















Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16490055 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 16490055 by changing the saturation by 10% instead.



 16490055	 16490055
16777215	 14451757
 16766331	 12413454
 16773526	 10440960
 16777138	 8534272
 16777166	 6562304
 16777195	 4721408
	 3014656
	 0

 16490055	 16490055
--	--

16486702

16493408

16483349

16496761

16480512

16500114

16503467

16506820

16510174

16513527

16515071

# Harmonies

## Analogous

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



16746612



16490055



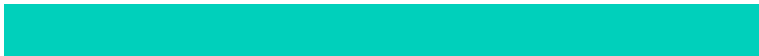
13349940

# Triad

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



16490055



53435



12755199

# Complementary

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



16490055



4695291

# 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.



4438015



16490055



53237

# Square

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



16490055



2674047



51199



16746727

# Rectangle

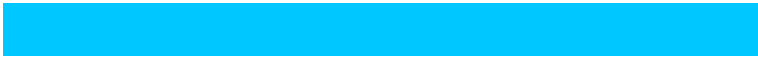
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16490055



10796864



51199



10725887



# Sweetspot

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



16490055



16769735



16467876



8416862



0



8421504



# Same Dimension

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



16490055



16748068



16513095



8222320



12409600



4005376



# Inverse Universe

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



4695291



2397695



4672251



7370621



25021



8253



# Previews

## White Background



This preview shows how the Decimal color 16490055 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 16490055 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 16490055 Background



This preview shows how black text looks on a background with the Decimal color 16490055.



This preview shows how white text looks on a background with the Decimal color 16490055.

# 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**  
16490055

**Protanopia**  
13153358

**Deuteranopia**  
14723907



**Tritanopia**  
16749984

# Trichromacy



**Original Color**  
16490055

**Protanomaly**  
14396491

**Deuteranomaly**  
15377988

**Tritanomaly**  
16685184

# Monochromacy



**Original Color**  
16490055

**Achromatopsia**  
11579568

**Achromatomaly**  
13347210

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16490055 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 #FB9E47 looks like.

```
.text, #text, p{  
    color:#FB9E47  
}
```

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 #FB9E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9E47
}
```

## Border

The CSS property to change the border of an element to Decimal 16490055 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
#FB9E47 }
```

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

```
.border{ border-color:#FB9E47 }
```

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

Here you see how a box with a 4 pixel #FB9E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9E47; -webkit-box-shadow:4px 4px  
4px 4px #FB9E47; box-shadow:4px 4px 4px  
4px #FB9E47 }
```

# Background

The CSS property to change the background color of an element to Decimal 16490055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9E47 }
```

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

```
.background{ background-color:#FB9E47 }
```

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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