

# Converting Colors

Decimal(16740966)

Have a look what the booklet for  
Decimal(16740966) contains.

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# **Color**

**Decimal(16740966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7266
RGB	255, 114, 102
RGB Percent	100%, 45%, 40%
CMY	0.0000, 0.5529, 0.6000
CMYK	0.00, 0.55, 0.60, 0.00
HSL	5°, 100%, 70%
HSV	5°, 60%, 100%
XYZ	49.6556, 34.2539, 16.5649
YIQ	154.7910, 87.8880, 26.1600

# Conversions

## Conversions Part 2

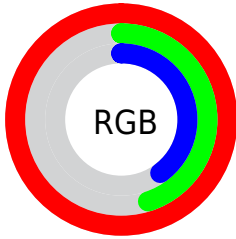
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 115, 102
Decimal	16740966
CIE <sub>Lab</sub>	65.16, 52.86, 33.17
CIE <sub>LCh</sub>	65, 62.401, 32.111
Yxy	34.2539, 0.4942, 0.3409
Android (android.graphics.Color)	4294931046 (0xFFFF7266)
YUV	154.7910, -26.0260, 87.8833
Hunter-Lab	58.5269, 49.0216, 24.1879

# Details

The Decimal color **16740966** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6747135**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **16755097**, and **12598071** is the 20% darker color. If you saturate the color by 10%, you get **16734797**, and if you desaturate by 10%, it is **16747136**.

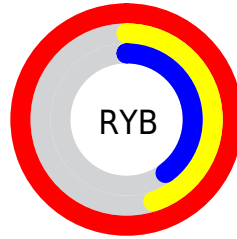
# Distribution



Red (100%)

Green (45%)

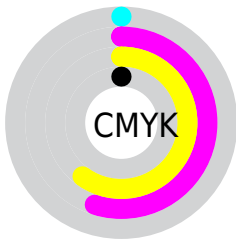
Blue (40%)



Red (100%)

Yellow (45%)

Blue (40%)

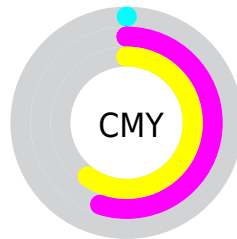


Cyan (0%)

Magenta (55%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16740966 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 16740966 by changing the saturation by 10% instead.



 16740966

 16740966

16777215

 14702414

 16755097

 12598071

 16762548

 10624033

 16770000

 8585228

 16777196

 6684672

 4718592

 2883585

 0

 16740966

 16740966

■ 16734797

■ 16747136

■ 16728883

■ 16753049

■ 16722713

■ 16759219

■ 16716800

■ 16765132

■ 16771302

16777215

# Harmonies

## Analogous

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



16738717



16740966



14977081

# Triad

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



16740966



1881447



41983

# Complementary

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



16740966



6747135

# 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.



45567



16740966



47521

# Square

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



16740966



8367159



47320



10784509

# Rectangle

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



16740966



13145637



47320



43519



# Sweetspot

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



16740966



16766417



16738037



8414819



0



8421504



# Same Dimension

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



16740966



16733767



16760166



8418419



12521216



4195584



# Inverse Universe

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



6747135



4715007



6727935



7569024



45247



15168



# Previews

## White Background



This preview shows how the Decimal color 16740966 looks on a white background.

## Color Contrast Check

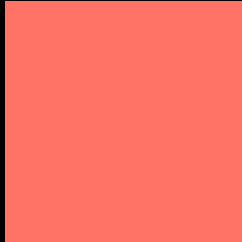
Large Text (above 18pt) WCAG AA × Fail

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 16740966 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 16740966 Background



This preview shows how black text looks on a background with the Decimal color 16740966.



This preview shows how white text looks on a background with the Decimal color 16740966.

# 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





**Tritanopia**  
16740472

# Trichromacy



**Original Color**  
16740966



**Protanomaly**  
13209201



**Deuteranomaly**  
14125666



**Tritanomaly**  
16740721

# Monochromacy



**Original Color**  
16740966



**Achromatopsia**  
10197915



**Achromatomaly**  
12553352

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16740966 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 #FF7266 looks like.

```
.text, #text, p{  
    color:#FF7266  
}
```

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 #FF7266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7266
}
```

## Border

The CSS property to change the border of an element to Decimal 16740966 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
#FF7266 }
```

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

```
.border{ border-color:#FF7266 }
```

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

Here you see how a box with a 4 pixel #FF7266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7266; -webkit-box-shadow:4px 4px  
4px 4px #FF7266; box-shadow:4px 4px 4px  
4px #FF7266 }
```

# Background

The CSS property to change the background color of an element to Decimal 16740966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7266 }
```

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

```
.background{ background-color:#FF7266 }
```

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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