

Converting Colors

Decimal(16744261)

Have a look what the booklet for
Decimal(16744261) contains.

Decimal(16744261)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16744261)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F45
RGB	255, 127, 69
RGB Percent	100%, 50%, 27%
CMY	0.0000, 0.5020, 0.7294
CMYK	0.00, 0.50, 0.73, 0.00
HSL	19°, 100%, 64%
HSV	19°, 73%, 100%
XYZ	49.9035, 36.8684, 10.1163
YIQ	158.6600, 94.9060, 9.0980

Conversions

Conversions Part 2

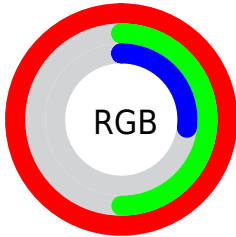
Format	Color
R_{YB}	255, 153, 69
Decimal	16744261
CIE Lab	67.18, 44.84, 52.83
CIE LCh	67, 69.292, 49.674
Yxy	36.8684, 0.5151, 0.3805
Android (android.graphics.Color)	4294934341 (0xFFFF7F45)
YUV	158.6600, -44.2024, 84.4902
Hunter-Lab	60.7194, 40.4453, 32.6254

Details

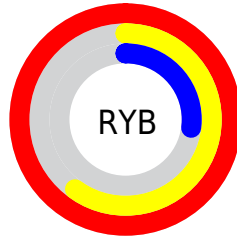
The Decimal color **16744261** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **4572671**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16758392**, and **12601874** is the 20% darker color. If you saturate the color by 10%, you get **16739627**, and if you desaturate by 10%, it is **16748894**.

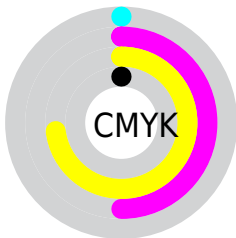
Distribution



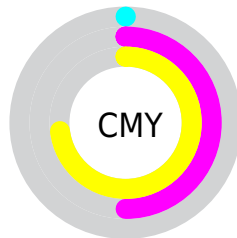
- Red (100%)
- Green (50%)
- Blue (27%)



- Red (100%)
- Yellow (60%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (0%)


















- Cyan (0%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16744261 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 16744261 by changing the saturation by 10% instead.

 16744261	 16744261
16777215	 14640172
 16758392	 12601874
 16765586	 10563584
 16773038	 8524288
 16777161	 6553600
 16777190	 4653056
	 2949121
	 0

 16744261

 16744261

16739627

16748894

16735250

16753272

16732160

16757906

16762283

16766916

16771294

16775927

16777215

Harmonies

Analogous

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



16738685



16744261



13998357

Triad

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



16744261



49035



7904511

Complementary

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



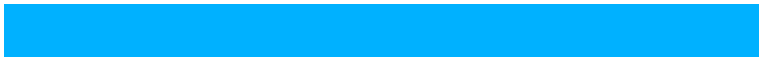
16744261



4572671

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



16744261



49612

Square

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



16744261



5028173



48639



14254325

Rectangle

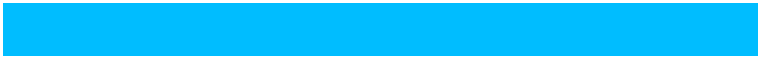
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16744261



11577099



48639



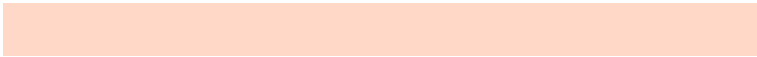
3712255

Sweetspot

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



16744261



16767175



16729543



8415582



0



8421504

Same Dimension

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



16744261



16737567



16767557



8419187



12532736



4199424

Inverse Universe

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



4572671



2079231



4549375



7568512



33983



11328

Previews

White Background



This preview shows how the Decimal color 16744261 looks on a white background.

Color Contrast Check

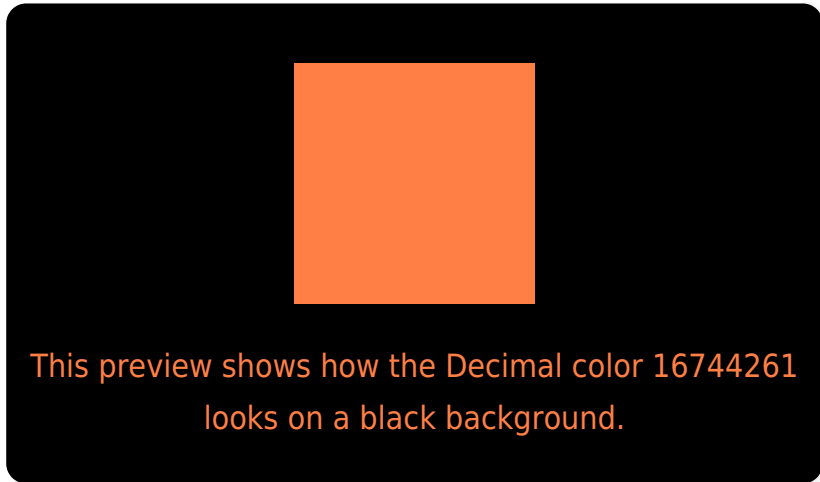
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 16744261 Background



This preview shows how black text looks on a background with the Decimal color 16744261.



This preview shows how white text looks on a background with the Decimal color 16744261.

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
16744261

Protanopia
11904080

Deuteranopia
13409342



Tritanopia
16743042

Trichromacy



Original Color
16744261

Protanomaly
13670220

Deuteranomaly
14651713

Tritanomaly
16743532

Monochromacy



Original Color
16744261

Achromatopsia
10461087

Achromatomaly
12751742

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16744261 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 #FF7F45 looks like.

```
.text, #text, p{  
    color:#FF7F45  
}
```

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 #FF7F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7F45
}
```

Border

The CSS property to change the border of an element to Decimal 16744261 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
#FF7F45 }
```

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

```
.border{ border-color:#FF7F45 }
```

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

Here you see how a box with a 4 pixel #FF7F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7F45; -webkit-box-shadow:4px 4px  
4px 4px #FF7F45; box-shadow:4px 4px 4px  
4px #FF7F45 }
```

Background

The CSS property to change the background color of an element to Decimal 16744261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7F45 }
```

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

```
.background{ background-color:#FF7F45 }
```

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