

Converting Colors

Decimal(16745247)

Have a look what the booklet for
Decimal(16745247) contains.

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Color

Decimal(16745247)

Conversions

Conversions Part 1

Format	Color
Hex	FF831F
RGB	255, 131, 31
RGB Percent	100%, 51%, 12%
CMY	0.0000, 0.4863, 0.8784
CMYK	0.00, 0.49, 0.88, 0.00
HSL	27°, 100%, 56%
HSV	27°, 88%, 100%
XYZ	49.6036, 37.5915, 5.9378
YIQ	156.6760, 106.0040, -4.8120

Conversions

Conversions Part 2

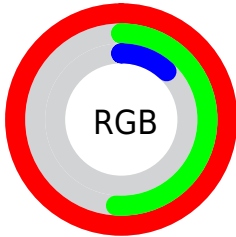
Format	Color
R _Y B	255, 212, 31
Decimal	16745247
CIE Lab	67.72, 41.70, 68.50
CIE LCh	68, 80.194, 58.667
Yxy	37.5915, 0.5326, 0.4036
Android (android.graphics.Color)	4294935327 (0xFFFF831F)
YUV	156.6760, -61.9583, 86.2301
Hunter-Lab	61.3119, 37.1172, 37.1764

Details

The Decimal color **16745247** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2071551**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16759384**, and **12537600** is the 20% darker color. If you saturate the color by 10%, you get **16741638**, and if you desaturate by 10%, it is **16748857**.

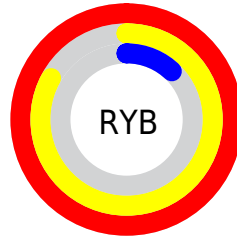
Distribution



Red (100%)

Green (51%)

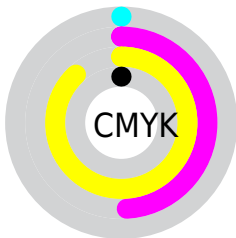
Blue (12%)



Red (100%)

Yellow (83%)

Blue (12%)

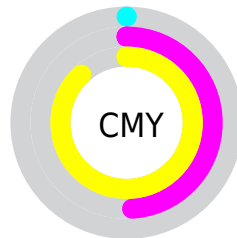


Cyan (0%)

Magenta (49%)

Yellow (88%)

Black (0%)



Cyan (0%)

















Magenta (49%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16745247 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 16745247 by changing the saturation by 10% instead.

 16745247	 16745247
16777215	 14641408
 16759384	 12537600
 16766579	 10499328
 16774030	 8460800
 16777130	 6488064
 16777158	 4521984
 16777187	 2883585
	 0

 16745247

 16745247

16741638

16748857

16740864

16752466

16756075

16759685

16763551

16767160

16770770

16774379

16777215

Harmonies

Analogous

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



16736868



16745247



13148416

Triad

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



16745247



50591



10064895

Complementary

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



16745247



2071551

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.



45055



16745247



50665

Square

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



16745247



49236



49151



16281585

Rectangle

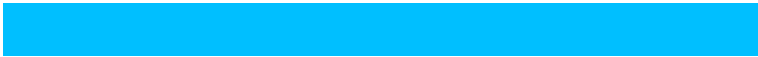
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



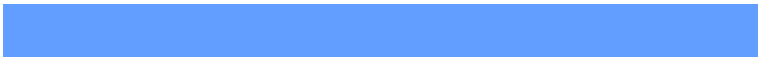
16745247



10202880



49151



6397695

Sweetspot

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



16745247



16767677



16719774



8415832



0



8421504

Same Dimension

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



16745247



16740864



16773151



8419443



12539136



4201472

Inverse Universe

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



2071551



36351



2043647



7568000



27327



9024

Previews

White Background



This preview shows how the Decimal color 16745247 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 16745247 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 16745247 Background



This preview shows how black text looks on a background with the Decimal color 16745247.



This preview shows how white text looks on a background with the Decimal color 16745247.

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
16745247

Protanopia
12232232

Deuteranopia
13737216



Tritanopia
16743813

Trichromacy



Original Color
16745247

Protanomaly
13867301

Deuteranomaly
14849035

Tritanomaly
16744288

Monochromacy



Original Color
16745247

Achromatopsia
10329501

Achromatomaly
12686447

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16745247 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 #FF831F looks like.

```
.text, #text, p{  
    color:#FF831F  
}
```

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 #FF831F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF831F
}
```

Border

The CSS property to change the border of an element to Decimal 16745247 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
#FF831F }
```

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

```
.border{ border-color:#FF831F }
```

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

Here you see how a box with a 4 pixel #FF831F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF831F; -webkit-box-shadow:4px 4px  
4px 4px #FF831F; box-shadow:4px 4px 4px  
4px #FF831F }
```

Background

The CSS property to change the background color of an element to Decimal 16745247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF831F }
```

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

```
.background{ background-color:#FF831F }
```

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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