

Converting Colors

Decimal(16750899)

Have a look what the booklet for
Decimal(16750899) contains.

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Color

Decimal(16750899)

Conversions

Conversions Part 1

Format	Color
Hex	FF9933
RGB	255, 153, 51
RGB Percent	100%, 60%, 20%
CMY	0.0000, 0.4000, 0.8000
CMYK	0.00, 0.40, 0.80, 0.00
HSL	30°, 100%, 60%
HSV	30°, 80%, 100%
XYZ	53.2288, 44.2815, 8.8737
YIQ	171.8700, 93.5340, -10.0980

Conversions

Conversions Part 2

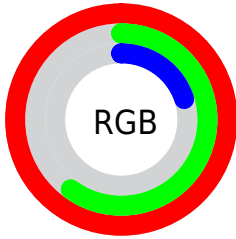
Format	Color
R_{YB}	255, 255, 51
Decimal	16750899
CIE _{Lab}	72.42, 31.03, 65.73
CIE _{LCh}	72, 72.686, 64.729
Yxy	44.2815, 0.5003, 0.4162
Android (android.graphics.Color)	4294940979 (0xFFFF9933)
YUV	171.8700, -59.5889, 72.9050
Hunter-Lab	66.5443, 26.3295, 38.6747

Details

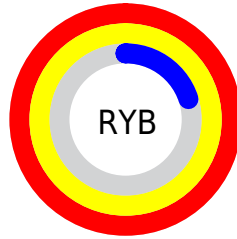
The Decimal color **16750899** is a light color, and the websafe version is hex **FF9933**, and the color name is **deep saffron**. The color can be described as light washed orange. A complement of this color would be **3381759**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **16765033**, and **12608768** is the 20% darker color. If you saturate the color by 10%, you get **16747545**, and if you desaturate by 10%, it is **16754253**.

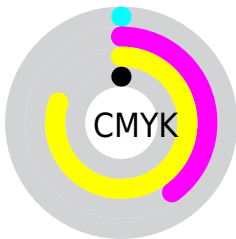
Distribution



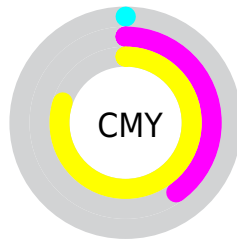
- Red (100%)
- Green (60%)
- Blue (20%)



- Red (100%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (40%)
- Yellow (80%)
- Black (0%)





















- Cyan (0%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16750899 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 16750899 by changing the saturation by 10% instead.

 16750899	 16750899
16777215	 14647059
 16765033	 12608768
 16772228	 10570752
 16777120	 8598528
 16777148	 6626560
 16777176	 4784896
 16777206	 3145728
	 0
 16750899	 16750899

16747545

16754253

16744448

16757606

16760704

16764057

16767411

16770764

16773862

16777215

Harmonies

Analogous

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



16744042



16750899



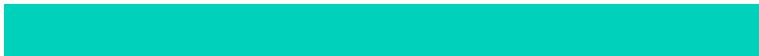
13218321

Triad

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



16750899



53691



12622847

Complementary

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



16750899



3381759

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.



46847



16750899



53244

Square

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



16750899



52598



51199



16744172

Rectangle

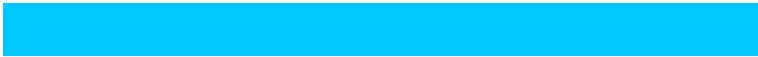
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16750899



10337832



51199



10200575

Sweetspot

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



16750899



16769218



16724889



8416603



0



8421504

Same Dimension

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



16750899



16745738



16777011



8419699



12541952



4202496

Inverse Universe

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



3381759



689663



3355647



7567744



24767



8256

Previews

White Background



This preview shows how the Decimal color 16750899 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 16750899 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 16750899 Background



This preview shows how black text looks on a background with the Decimal color 16750899.



This preview shows how white text looks on a background with the Decimal color 16750899.

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
16750899

Protanopia
13087290

Deuteranopia
14723373



Tritanopia
16749212

Trichromacy



Original Color
16750899

Protanomaly
14395703

Deuteranomaly
15442735

Tritanomaly
16749942

Monochromacy



Original Color
16750899

Achromatopsia
11316396

Achromatomaly
13280640

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16750899 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 #FF9933 looks like.

```
.text, #text, p{  
    color:#FF9933  
}
```

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 #FF9933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9933
}
```

Border

The CSS property to change the border of an element to Decimal 16750899 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
#FF9933 }
```

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

```
.border{ border-color:#FF9933 }
```

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

Here you see how a box with a 4 pixel #FF9933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9933; -webkit-box-shadow:4px 4px  
4px 4px #FF9933; box-shadow:4px 4px 4px  
4px #FF9933 }
```

Background

The CSS property to change the background color of an element to Decimal 16750899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9933 }
```

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

```
.background{ background-color:#FF9933 }
```

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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