

Converting Colors

Decimal(16488784)

Have a look what the booklet for
Decimal(16488784) contains.

Decimal(16488784)	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(16488784)

Conversions

Conversions Part 1

Format	Color
Hex	FB9950
RGB	251, 153, 80
RGB Percent	98%, 60%, 31%
CMY	0.0157, 0.4000, 0.6863
CMYK	0.00, 0.39, 0.68, 0.02
HSL	26°, 96%, 65%
HSV	26°, 68%, 98%
XYZ	52.6229, 43.8709, 13.2838
YIQ	173.9800, 81.8410, -1.9270

Conversions

Conversions Part 2

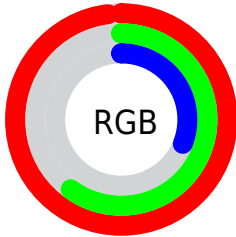
Format	Color
RYB	251, 207, 80
Decimal	16488784
CIELab	72.14, 30.64, 52.78
CIELCh	72, 61.026, 59.860
Yxy	43.8709, 0.4794, 0.3996
Android (android.graphics.Color)	4294678864 (0xFFFB9950)
YUV	173.9800, -46.3321, 67.5465
Hunter-Lab	66.2351, 25.9043, 34.4736

Details

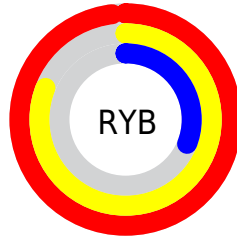
The Decimal color **16488784** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **5288699**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16765060**, and **12412189** is the 20% darker color. If you saturate the color by 10%, you get **16485175**, and if you desaturate by 10%, it is **16492393**.

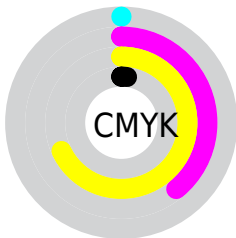
Distribution



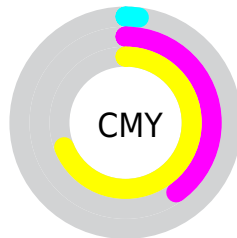
- Red (98%)
- Green (60%)
- Blue (31%)



- Red (98%)
- Yellow (81%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16488784 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 16488784 by changing the saturation by 10% instead.

 16488784  16488784


16777215  14450487

 16765060  12412189

 16772255  10439680

 16777146  8532992

 16777175  6561024

 16777203  4719360

 3080192

 0

 16488784  16488784

16485175

16492393

16481310

16496258

16477701

16499867

16476928

16503732

16507341

16510951

16514815

16515071

Harmonies

Analogous

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



16745853



16488784



13676090

Triad

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



16488784



52399



11707135

Complementary

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



16488784



5288699

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.



2537471



16488784



52199

Square

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



16488784



4835446



50687



16026858

Rectangle

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



16488784



11319616



50687



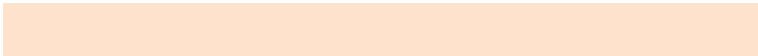
9612031

Sweetspot

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



16488784



16769740



16470196



8416865



0



8421504

Same Dimension

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



16488784



16746286



16510288



8222320



12407040



4004352

Inverse Universe

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



5288699



3057407



5267195



7370877



27837



9021

Previews

White Background



This preview shows how the Decimal color 16488784 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 16488784 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 16488784 Background



This preview shows how black text looks on a background with the Decimal color 16488784.



This preview shows how white text looks on a background with the Decimal color 16488784.

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
16488784

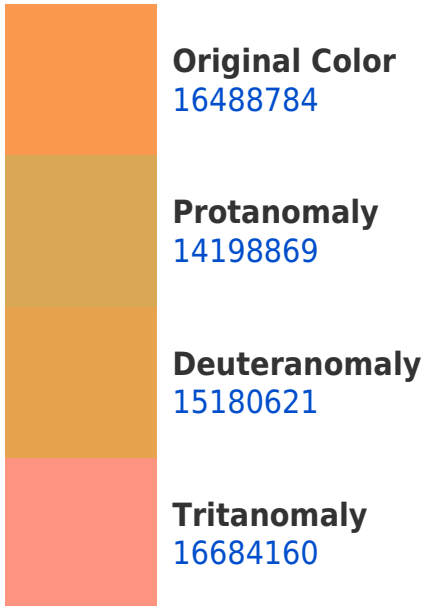
Protanopia
12890456

Deuteranopia
14461260



Tritanopia
16748955

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16488784 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 #FB9950 looks like.

```
.text, #text, p{  
    color:#FB9950  
}
```

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 #FB9950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9950
}
```

Border

The CSS property to change the border of an element to Decimal 16488784 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
#FB9950 }
```

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

```
.border{ border-color:#FB9950 }
```

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

Here you see how a box with a 4 pixel #FB9950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9950; -webkit-box-shadow:4px 4px  
4px 4px #FB9950; box-shadow:4px 4px 4px  
4px #FB9950 }
```

Background

The CSS property to change the background color of an element to Decimal 16488784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9950 }
```

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

```
.background{ background-color:#FB9950 }
```

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