

Converting Colors

Decimal(16438909)

Have a look what the booklet for
Decimal(16438909) contains.

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Color

Decimal(16438909)

Conversions

Conversions Part 1

Format	Color
Hex	FAD67D
RGB	250, 214, 125
RGB Percent	98%, 84%, 49%
CMY	0.0196, 0.1608, 0.5098
CMYK	0.00, 0.14, 0.50, 0.02
HSL	43°, 93%, 74%
HSV	43°, 50%, 98%
XYZ	67.1726, 69.8978, 29.3533
YIQ	214.6180, 50.0250, -20.0470

Conversions

Conversions Part 2

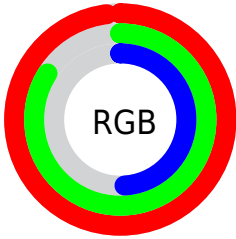
Format	Color
RYB	176, 250, 125
Decimal	16438909
CIELab	86.95, 1.63, 48.29
CIELCh	87, 48.322, 88.062
Yxy	69.8978, 0.4036, 0.4200
Android (android.graphics.Color)	4294628989 (0xFFFA67D)
YUV	214.6180, -44.1817, 31.0300
Hunter-Lab	83.6049, -2.8923, 37.7070

Details

The Decimal color **16438909** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8233466**, and the grayscale version is **14145495**.

A 20% lighter version of the original color is **16777139**, and **12558409** is the 20% darker color. If you saturate the color by 10%, you get **16437092**, and if you desaturate by 10%, it is **16440726**.

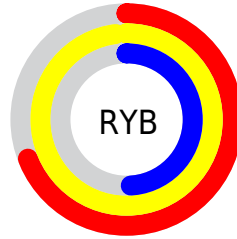
Distribution



Red (98%)

Green (84%)

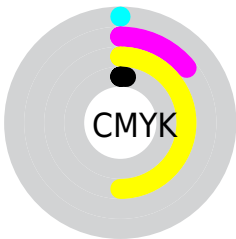
Blue (49%)



Red (69%)

Yellow (98%)

Blue (49%)

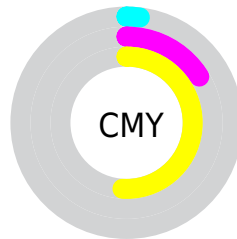


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (2%)



Cyan (2%)















Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16438909 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 16438909 by changing the saturation by 10% instead.

 16438909	 16438909
16777215	 14465635
 16777139	 12558409
 16777167	 10716720
 16777196	 8875029
	 7033856
	 5324032
	 3614720
	 1971200
	 0

■ 16438909

■ 16438909

■ 16437092

■ 16440726

■ 16435275

■ 16442543

■ 16433202

■ 16444616

■ 16431385

■ 16446433

■ 16429568

■ 16448250

■ 16449535

Harmonies

Analogous

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



16762509



16438909



13362311

Triad

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



16438909



61951



16760831

Complementary

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



16438909



8233466

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.



14340095



16438909



2550783

Square

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



16438909



5305045



9428991



16758495

Rectangle

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



16438909



11004827



9428991



16762111

Sweetspot

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



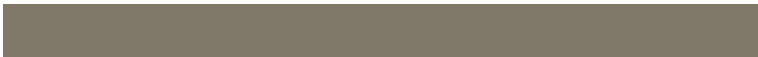
16438909



16774361



16416163



8419689



0



8421504

Same Dimension

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



16438909



16765798



14809725



8223088



12420608



4008960

Inverse Universe

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



8233466



6722303



9862650



7369853



14013



4669

Previews

White Background



This preview shows how the Decimal color 16438909 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 16438909 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 16438909 Background



This preview shows how black text looks on a background with the Decimal color 16438909.



This preview shows how white text looks on a background with the Decimal color 16438909.

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](#).

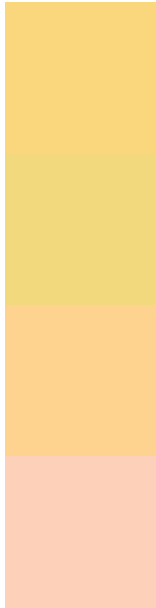
Dichromacy





Tritanopia
16764379

Trichromacy



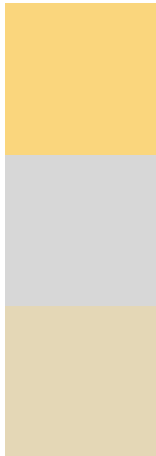
Original Color
16438909

Protanomaly
15980926

Deuteranomaly
16634767

Tritanomaly
16634041

Monochromacy



Original Color
16438909

Achromatopsia
14145495

Achromatomaly
14997430

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16438909 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 #FAD67D looks like.

```
.text, #text, p{  
    color:#FAD67D  
}
```

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 #FAD67D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAD67D
}
```

Border

The CSS property to change the border of an element to Decimal 16438909 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
#FAD67D }
```

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

```
.border{ border-color:#FAD67D }
```

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

Here you see how a box with a 4 pixel #FAD67D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAD67D; -webkit-box-shadow:4px 4px  
4px 4px #FAD67D; box-shadow:4px 4px 4px  
4px #FAD67D }
```

Background

The CSS property to change the background color of an element to Decimal 16438909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAD67D }
```

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

```
.background{ background-color:#FAD67D }
```

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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