

# Converting Colors

Decimal(16436876)

Have a look what the booklet for  
Decimal(16436876) contains.

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# **Color**

**Decimal(16436876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FACE8C
RGB	250, 206, 140
RGB Percent	98%, 81%, 55%
CMY	0.0196, 0.1922, 0.4510
CMYK	0.00, 0.18, 0.44, 0.02
HSL	36°, 92%, 76%
HSV	36°, 44%, 98%
XYZ	66.2293, 66.3601, 34.1291
YIQ	211.6320, 47.4100, -11.1980

# Conversions

## Conversions Part 2

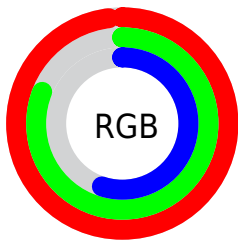
Format	Color
R <sub>Y</sub> B	213, 250, 140
Decimal	16436876
CIE Lab	85.18, 7.16, 38.59
CIE LCh	85, 39.248, 79.495
Yxy	66.3601, 0.3973, 0.3980
Android (android.graphics.Color)	4294626956 (0xFFFACE8C)
YUV	211.6320, -35.3146, 33.6487
Hunter-Lab	81.4617, 2.5646, 32.1831

# Details

The Decimal color **16436876** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **9222394**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **16777154**, and **12621913** is the 20% darker color. If you saturate the color by 10%, you get **16434291**, and if you desaturate by 10%, it is **16439461**.

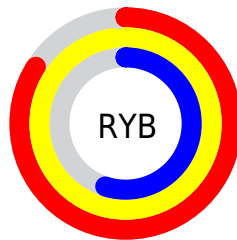
# Distribution



Red (98%)

Green (81%)

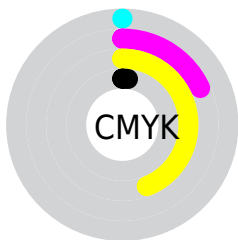
Blue (55%)



Red (84%)

Yellow (98%)

Blue (55%)

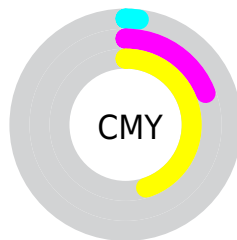


Cyan (0%)

Magenta (18%)

Yellow (44%)

Black (2%)



Cyan (2%)

Magenta (19%)
















Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16436876 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 16436876 by changing the saturation by 10% instead.



 16436876	 16436876
 16777215	 14463858
 16777154	 12621913
 16777182	 10714688
 16777211	 8873256
	 7097616
	 5388032
	 3678464
	 2100224
	 0

 16436876

 16436876

 16434291

 16439461

 16431706

 16442046

 16429121

 16444631

 16426536

 16447216

 16423951

 16449535

 16422400

# Harmonies

## Analogous

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



16761502



16436876



14080654

# Triad

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



16436876



5892588



16237567

# Complementary

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



16436876



9222394

# 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.



13095167



16436876



6088191

# Square

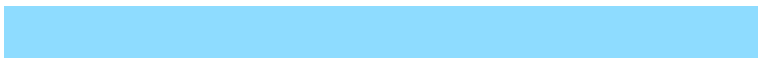
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16436876



8317126



9362687



16759523

# Rectangle

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



16436876



12247450



9362687



15321087



# Sweetspot

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



16436876



16773854



16420024



8419179



0



8421504



# Same Dimension

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



16436876



16763256



15727244



8222832



12415232

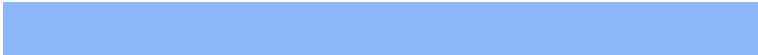


4007168

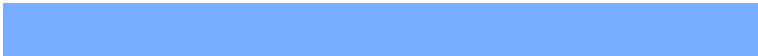


# Inverse Universe

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



9222394



7909119



9932026



7370109



19389



6205



# Previews

## White Background



This preview shows how the Decimal color 16436876 looks on a white background.

## Color Contrast Check

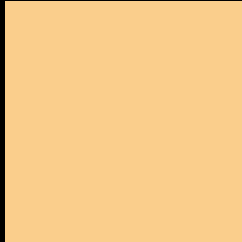
Large Text (above 18pt) WCAG AA × Fail

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 16436876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

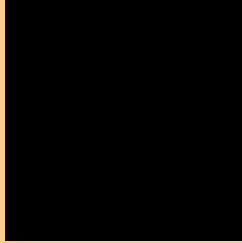
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16436876 Background



This preview shows how black text looks on a background with the Decimal color 16436876.

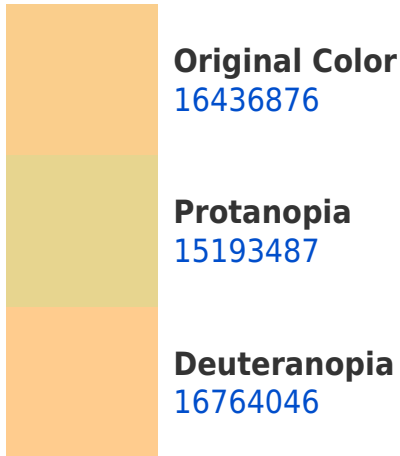


This preview shows how white text looks on a background with the Decimal color 16436876.

# 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**  
16762580

# Trichromacy



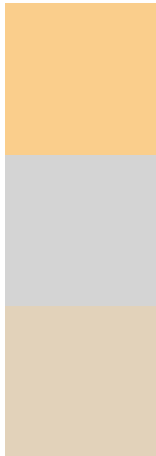
**Original Color**  
16436876

**Protanomaly**  
15651470

**Deuteranomaly**  
16633229

**Tritanomaly**  
16632250

# Monochromacy



**Original Color**  
16436876

**Achromatopsia**  
13948116

**Achromatomaly**  
14865082

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16436876 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 #FACE8C looks like.

```
.text, #text, p{  
  color:#FACE8C  
}
```

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 #FACE8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FACE8C
}
```

## Border

The CSS property to change the border of an element to Decimal 16436876 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
#FACE8C }
```

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

```
.border{ border-color:#FACE8C }
```

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

Here you see how a box with a 4 pixel #FACE8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FACE8C; -webkit-box-shadow:4px 4px  
4px 4px #FACE8C; box-shadow:4px 4px 4px  
4px #FACE8C }
```

# Background

The CSS property to change the background color of an element to Decimal 16436876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FACE8C }
```

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

```
.background{ background-color:#FACE8C }
```

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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