

# Converting Colors

Decimal(16769476)

Have a look what the booklet for  
Decimal(16769476) contains.

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# **Color**

**Decimal(16769476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE1C4
RGB	255, 225, 196
RGB Percent	100%, 88%, 77%
CMY	0.0000, 0.1176, 0.2314
CMYK	0.00, 0.12, 0.23, 0.00
HSL	29°, 100%, 88%
HSV	29°, 23%, 100%
XYZ	78.1290, 79.0959, 63.3738
YIQ	230.6640, 27.1890, -2.6590

# Conversions

## Conversions Part 2

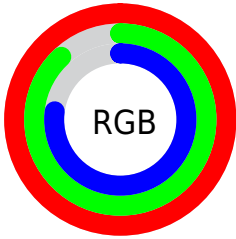
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 253, 196
Decimal	16769476
CIE <sub>Lab</sub>	91.28, 5.97, 17.98
CIE <sub>LCh</sub>	91, 18.942, 71.622
Yxy	79.0959, 0.3542, 0.3586
Android (android.graphics.Color)	4294959556 (0xFFFFE1C4)
YUV	230.6640, -17.0894, 21.3427
Hunter-Lab	88.9359, 1.1721, 20.0064

# Details

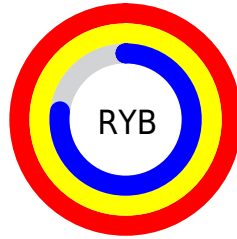
The Decimal color **16769476** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **12903167**, and the grayscale version is **15198183**.

A 20% lighter version of the original color is **16777213**, and **13019790** is the 20% darker color. If you saturate the color by 10%, you get **16766123**, and if you desaturate by 10%, it is **16772830**.

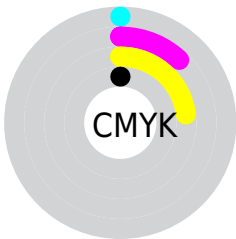
# Distribution



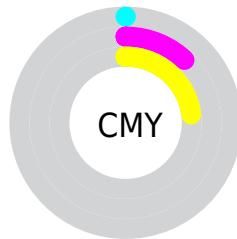
- Red (100%)
- Green (88%)
- Blue (77%)



- Red (100%)
- Yellow (99%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16769476 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 16769476 by changing the saturation by 10% instead.



 16769476	 16769476
16777215	 14861737
16777213	 13019790
	 11177845
	 9401948
	 7691588
	 6047278
	 4402969
	 2955776
	 1310720

 16769476

 16769476

 16766123

 16772830

 16762769

 16776183

 16759416

16777215

 16756062

 16752709

 16749355

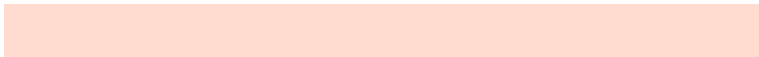
 16746002

 16743680

# Harmonies

## Analogous

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



16768207



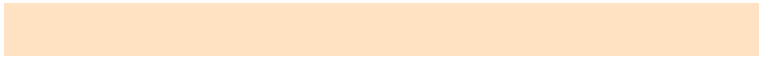
16769476



15591362

# Triad

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



16769476



12120557



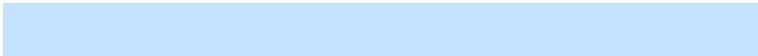
15917055

# Complementary

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



16769476



12903167

# 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.



14411263



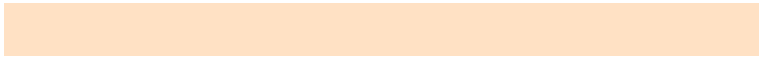
16769476



12120061

# Square

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



16769476



12972250



12971007



16767986

# Rectangle

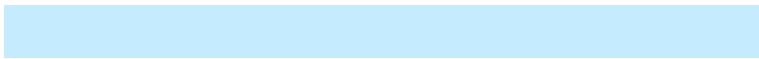
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16769476



14674887



12971007



15458815



# Sweetspot

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



16769476



16774893



16762082



8419957



0

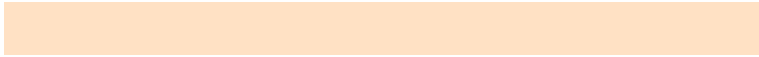


8421504



# Same Dimension

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



16769476



16767928



16776900



8419699



12541440

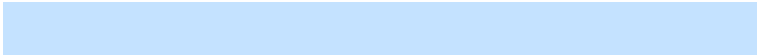


4202240

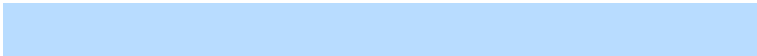


# Inverse Universe

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



12903167



12115199



12895743



7567744



25023

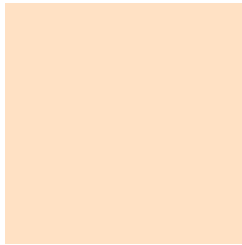


8256



# Previews

## White Background



This preview shows how the Decimal color 16769476 looks on a white background.

## Color Contrast Check

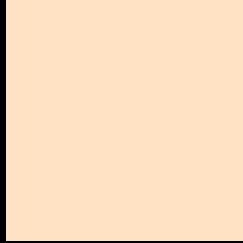
Large Text (above 18pt) WCAG AA × Fail

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 16769476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

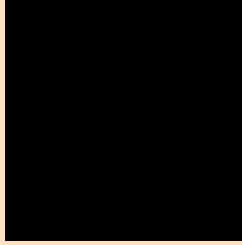
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16769476 Background



This preview shows how black text looks on a background with the Decimal color 16769476.

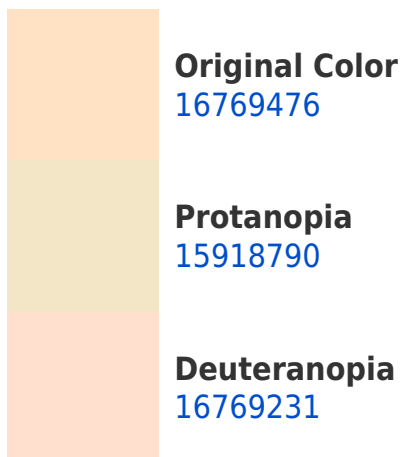


This preview shows how white text looks on a background with the Decimal color 16769476.

# 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](#).

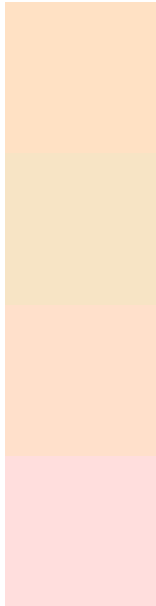
## Dichromacy





**Tritanopia**  
16768491

# Trichromacy



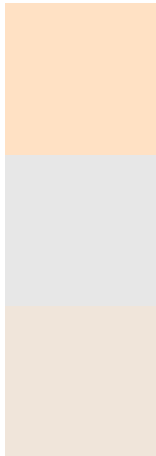
**Original Color**  
16769476

**Protanomaly**  
16245957

**Deuteranomaly**  
16769227

**Tritanomaly**  
16768733

# Monochromacy



**Original Color**  
16769476

**Achromatopsia**  
15198183

**Achromatomaly**  
15787482

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16769476 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 #FFE1C4 looks like.

```
.text, #text, p{  
    color:#FFE1C4  
}
```

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 #FFE1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE1C4
}
```

## Border

The CSS property to change the border of an element to Decimal 16769476 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
#FFE1C4 }
```

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

```
.border{ border-color:#FFE1C4 }
```

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

Here you see how a box with a 4 pixel #FFE1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE1C4; -webkit-box-shadow:4px 4px  
4px 4px #FFE1C4; box-shadow:4px 4px 4px  
4px #FFE1C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 16769476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE1C4 }
```

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

```
.background{ background-color:#FFE1C4 }
```

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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