

# Converting Colors

Decimal(16766876)

Have a look what the booklet for  
Decimal(16766876) contains.

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# **Color**

**Decimal(16766876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD79C
RGB	255, 215, 156
RGB Percent	100%, 84%, 61%
CMY	0.0000, 0.1569, 0.3882
CMYK	0.00, 0.16, 0.39, 0.00
HSL	36°, 100%, 81%
HSV	36°, 39%, 100%
XYZ	71.5412, 72.2612, 41.6297
YIQ	220.2340, 42.7790, -9.8690

# Conversions

## Conversions Part 2

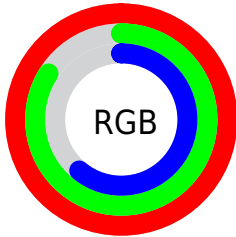
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 255, 156
Decimal	16766876
CIE <sub>Lab</sub>	88.09, 6.14, 34.31
CIE <sub>LCh</sub>	88, 34.859, 79.853
Y <sub>xy</sub>	72.2612, 0.3858, 0.3897
Android (android.graphics.Color)	4294956956 (0xFFFFD79C)
YUV	220.2340, -31.6674, 30.4898
Hunter-Lab	85.0066, 1.4634, 30.4689

# Details

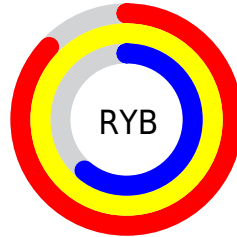
The Decimal color **16766876** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10274047**, and the grayscale version is **14540253**.

A 20% lighter version of the original color is **16777171**, and **12951656** is the 20% darker color. If you saturate the color by 10%, you get **16764291**, and if you desaturate by 10%, it is **16769462**.

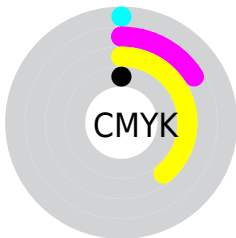
# Distribution



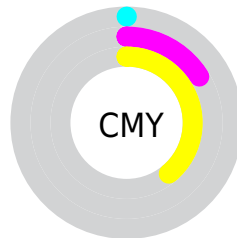
- Red (100%)
- Green (84%)
- Blue (61%)



- Red (87%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16766876 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 16766876 by changing the saturation by 10% instead.



 16766876

 16766876

16777215

 14859138

 16777171

 12951656

 16777199

 11044431

 9268535

 7492896

 5783048

 4139008

 2495488

 0

16766876

16766876

16764291

16769462

16761449

16772303

16758864

16774889

16756278

16777215

16753437

16750851

16750592

# Harmonies

## Analogous

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



16764076



16766876



14607006

# Triad

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



16766876



7925746



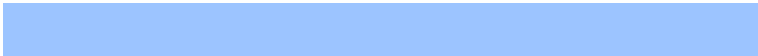
16567807

# Complementary

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



16766876



10274047

# 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.



13818111



16766876



8186879

# Square

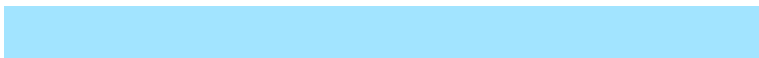
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16766876



9629648



10675455



16762346

# Rectangle

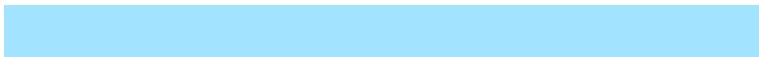
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16766876



12970153



10675455



15782399

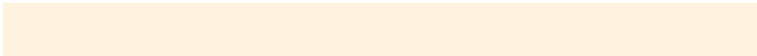


# Sweetspot

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



16766876



16774112



16751813



8419438



0



8421504



# Same Dimension

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



16766876



16764807



16252828



8419955



12546560

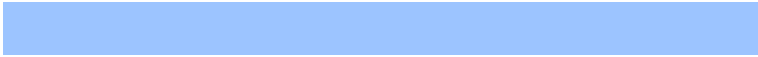


4204032



# Inverse Universe

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



10274047



8894719



10788095



7567488



19903



6720



# Previews

## White Background



This preview shows how the Decimal color 16766876 looks on a white background.

## Color Contrast Check

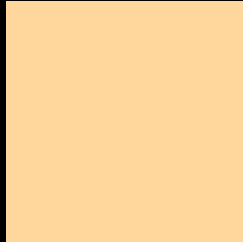
Large Text (above 18pt) WCAG AA × Fail

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 16766876 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 16766876 Background



This preview shows how black text looks on a background with the Decimal color 16766876.



This preview shows how white text looks on a background with the Decimal color 16766876.

# 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](#).

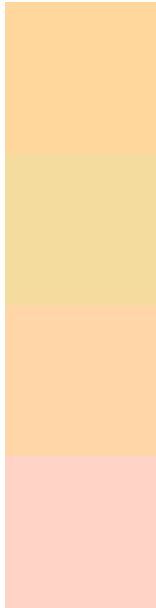
## Dichromacy





**Tritanopia**  
16765406

# Trichromacy



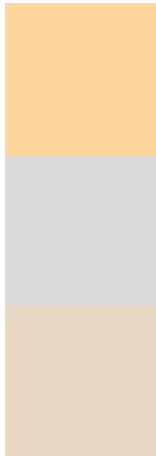
**Original Color**  
16766876

**Protanomaly**  
16047006

**Deuteranomaly**  
16766631

**Tritanomaly**  
16765894

# Monochromacy



**Original Color**  
16766876

**Achromatopsia**  
14474460

**Achromatomaly**  
15325893

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16766876 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 #FFD79C looks like.

```
.text, #text, p{  
  color:#FFD79C  
}
```

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 #FFD79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD79C
}
```

## Border

The CSS property to change the border of an element to Decimal 16766876 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
#FFD79C }
```

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

```
.border{ border-color:#FFD79C }
```

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

Here you see how a box with a 4 pixel #FFD79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD79C; -webkit-box-shadow:4px 4px  
4px 4px #FFD79C; box-shadow:4px 4px 4px  
4px #FFD79C }
```

# Background

The CSS property to change the background color of an element to Decimal 16766876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD79C }
```

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

```
.background{ background-color:#FFD79C }
```

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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