

Converting Colors

Decimal(16701874)

Have a look what the booklet for
Decimal(16701874) contains.

Decimal(16701874)	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(16701874)

Conversions

Conversions Part 1

Format	Color
Hex	FED9B2
RGB	254, 217, 178
RGB Percent	100%, 85%, 70%
CMY	0.0039, 0.1490, 0.3020
CMYK	0.00, 0.15, 0.30, 0.00
HSL	31°, 97%, 85%
HSV	31°, 30%, 100%
XYZ	73.7218, 73.9109, 52.5002
YIQ	223.6170, 34.5710, -4.2850

Conversions

Conversions Part 2

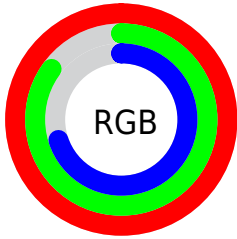
Format	Color
R _Y B	250, 254, 178
Decimal	16701874
CIE Lab	88.88, 7.33, 24.00
CIE LCh	89, 25.092, 73.020
Yxy	73.9109, 0.3684, 0.3693
Android (android.graphics.Color)	4294891954 (0xFF FED9B2)
YUV	223.6170, -22.4892, 26.6459
Hunter-Lab	85.9714, 2.6164, 23.9734

Details

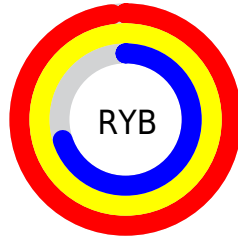
The Decimal color **16701874** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **11720702**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16777194**, and **12886653** is the 20% darker color. If you saturate the color by 10%, you get **16698777**, and if you desaturate by 10%, it is **16704971**.

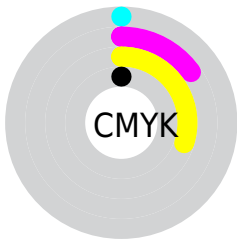
Distribution



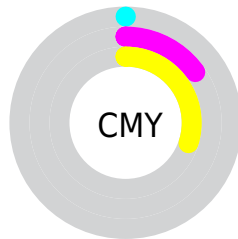
- Red (100%)
- Green (85%)
- Blue (70%)



- Red (98%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16701874 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 16701874 by changing the saturation by 10% instead.

 16701874

 16701874

16777215

 14794135

 16777194

 12886653

 11044964

 9269068

 7558709

 5848863

 4204808

 2692352

 458752

16701874

16701874

16698777

16704971

16695423

16708325

16692326

16711422

16689228

16711679

16685875

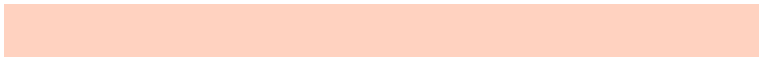
16682778

16679424

Harmonies

Analogous

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



16765632



16701874



15196593

Triad

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



16701874



10546665



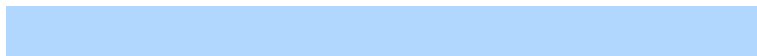
15783679

Complementary

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



16701874



11720702

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.



13754111



16701874



10480639

Square

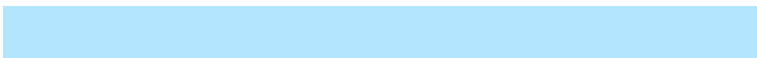
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16701874



11660496



11789823



16765166

Rectangle

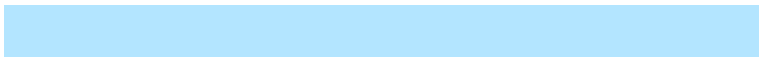
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16701874



14018231



11789823



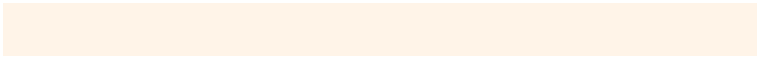
15128831

Sweetspot

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



16701874



16774376



16691928



8419697



0



8421504

Same Dimension

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



16701874



16765603



16711346



8419699



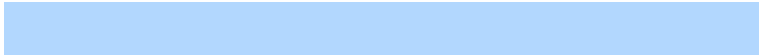
12542464



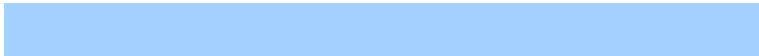
4202752

Inverse Universe

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



11720702



10735871



11711230



7567744



23999



8000

Previews

White Background



This preview shows how the Decimal color 16701874 looks on a white background.

Color Contrast Check

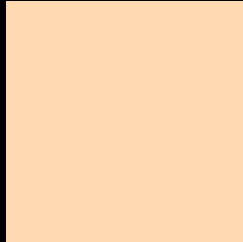
Large Text (above 18pt) WCAG AA × Fail

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 16701874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

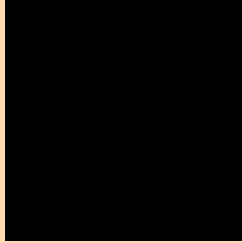
Any Text WCAG AA ✓ Pass

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 16701874 Background



This preview shows how black text looks on a background with the Decimal color 16701874.

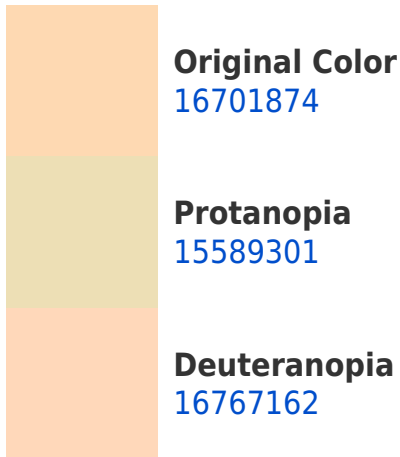


This preview shows how white text looks on a background with the Decimal color 16701874.

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
16766178

Trichromacy



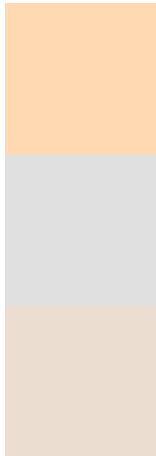
Original Color
16701874

Protanomaly
15982004

Deuteranomaly
16767159

Tritanomaly
16766673

Monochromacy



Original Color
16701874

Achromatopsia
14737632

Achromatomaly
15457743

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16701874 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 #FED9B2 looks like.

```
.text, #text, p{  
    color:#FED9B2  
}
```

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 #FED9B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FED9B2
}
```

Border

The CSS property to change the border of an element to Decimal 16701874 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
#FED9B2 }
```

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

```
.border{ border-color:#FED9B2 }
```

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

Here you see how a box with a 4 pixel #FED9B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FED9B2; -webkit-box-shadow:4px 4px  
4px 4px #FED9B2; box-shadow:4px 4px 4px  
4px #FED9B2 }
```

Background

The CSS property to change the background color of an element to Decimal 16701874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FED9B2 }
```

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

```
.background{ background-color:#FED9B2 }
```

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