

Converting Colors

Decimal(16771008)

Have a look what the booklet for
Decimal(16771008) contains.

Decimal(16771008)	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(16771008)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C0
RGB	255, 231, 192
RGB Percent	100%, 91%, 75%
CMY	0.0000, 0.0941, 0.2471
CMYK	0.00, 0.09, 0.25, 0.00
HSL	37°, 100%, 88%
HSV	37°, 25%, 100%
XYZ	79.3303, 82.2176, 61.5576
YIQ	233.7300, 26.8230, -7.0410

Conversions

Conversions Part 2

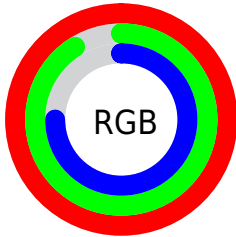
Format	Color
R_{YB}	231, 255, 192
Decimal	16771008
CIE _{Lab}	92.67, 2.36, 21.99
CIE _{LCh}	93, 22.114, 83.885
Yxy	82.2176, 0.3556, 0.3685
Android (android.graphics.Color)	4294961088 (0xFFFFE7C0)
YUV	233.7300, -20.5729, 18.6538
Hunter-Lab	90.6739, -2.5102, 23.2204

Details

The Decimal color **16771008** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **12638463**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16777209**, and **13021322** is the 20% darker color. If you saturate the color by 10%, you get **16768423**, and if you desaturate by 10%, it is **16773594**.

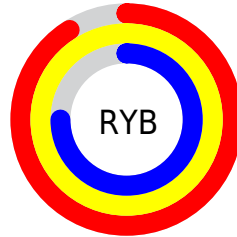
Distribution



Red (100%)

Green (91%)

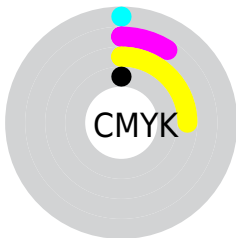
Blue (75%)



Red (91%)

Yellow (100%)

Blue (75%)

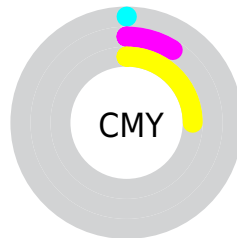


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16771008 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 16771008 by changing the saturation by 10% instead.

 16771008


 16771008

16777215

 14863269

 16777209

 13021322

 11179377

 9403224

 7692864

 5983018

 4404245

 2957056

 1246976

 16771008

 16771008

 16768423

 16773594

 16766093

 16775923

 16763508

16777215

 16760922

 16758337

 16756007

 16753422

 16752128

Harmonies

Analogous

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



16769224



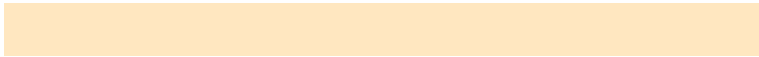
16771008



15265475

Triad

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



16771008



11663098



16769023

Complementary

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



16771008



12638463

Split Complementary

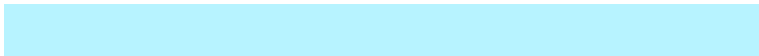
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15263487



16771008



12055551

Square

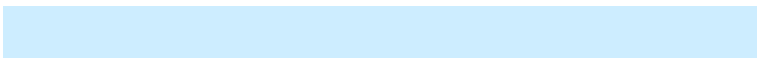
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16771008



12318437



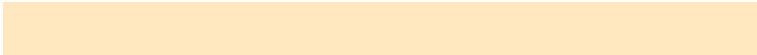
13495807



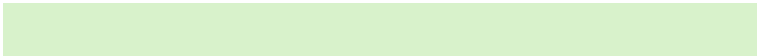
16767983

Rectangle

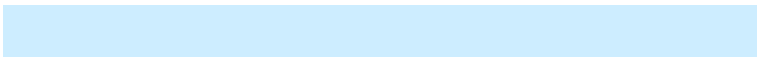
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16771008



14217931



13495807



16441855

Sweetspot

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



16771008



16775405



16761048



8420469



0



8421504

Same Dimension

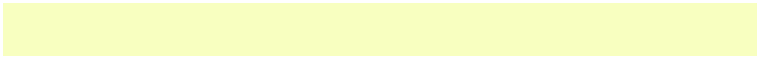
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16771008



16769715



16318400



8420211



12547584



4204288

Inverse Universe

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



12638463



11784447



13091071



7567488



18879



6208

Previews

White Background



This preview shows how the Decimal color 16771008 looks on a white background.

Color Contrast Check

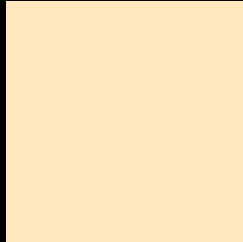
Large Text (above 18pt) WCAG AA × Fail

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 16771008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

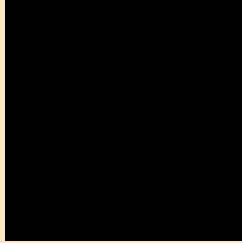
Any Text WCAG AA ✓ Pass

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 16771008 Background



This preview shows how black text looks on a background with the Decimal color 16771008.

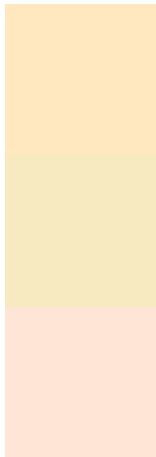


This preview shows how white text looks on a background with the Decimal color 16771008.

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



Original Color
16771008

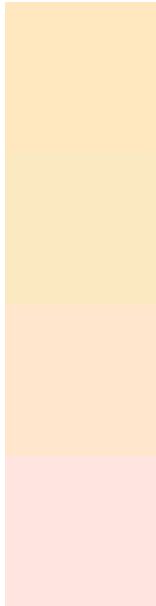
Protanopia
16247489

Deuteranopia
16770517



Tritanopia
16769776

Trichromacy



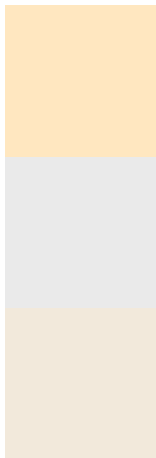
Original Color
16771008

Protanomaly
16443841

Deuteranomaly
16770765

Tritanomaly
16770271

Monochromacy



Original Color
16771008

Achromatopsia
15395562

Achromatomaly
15919579

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16771008 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 #FFE7C0 looks like.

```
.text, #text, p{  
    color:#FFE7C0  
}
```

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 #FFE7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFE7C0
}
```

Border

The CSS property to change the border of an element to Decimal 16771008 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
#FFE7C0 }
```

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

```
.border{ border-color:#FFE7C0 }
```

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

Here you see how a box with a 4 pixel #FFE7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFE7C0; -webkit-box-shadow:4px 4px  
4px 4px #FFE7C0; box-shadow:4px 4px 4px  
4px #FFE7C0 }
```

Background

The CSS property to change the background color of an element to Decimal 16771008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFE7C0 }
```

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

```
.background{ background-color:#FFE7C0 }
```

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