

Converting Colors

Decimal(16775840)

Have a look what the booklet for
Decimal(16775840) contains.

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Color

Decimal(16775840)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAA0
RGB	255, 250, 160
RGB Percent	100%, 98%, 63%
CMY	0.0000, 0.0196, 0.3725
CMYK	0.00, 0.02, 0.37, 0.00
HSL	57°, 100%, 81%
HSV	57°, 37%, 100%
XYZ	81.7708, 92.1693, 46.7384
YIQ	241.2350, 31.8700, -26.9300

Conversions

Conversions Part 2

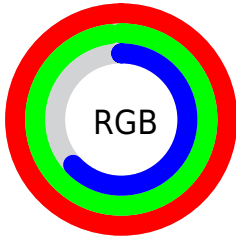
Format	Color
RYB	165, 255, 160
Decimal	16775840
CIELab	96.89, -11.05, 43.77
CIELCh	97, 45.141, 104.169
Yxy	92.1693, 0.3705, 0.4177
Android (android.graphics.Color)	4294965920 (0xFFFFFAA0)
YUV	241.2350, -40.0489, 12.0719
Hunter-Lab	96.0048, -15.9736, 38.3390

Details

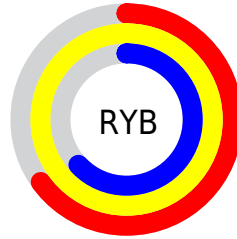
The Decimal color **16775840** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10528255**, and the grayscale version is **15921906**.

A 20% lighter version of the original color is **16777176**, and **12960363** is the 20% darker color. If you saturate the color by 10%, you get **16775558**, and if you desaturate by 10%, it is **16776122**.

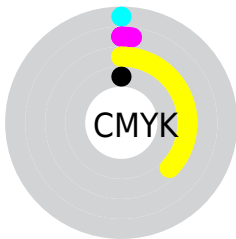
Distribution



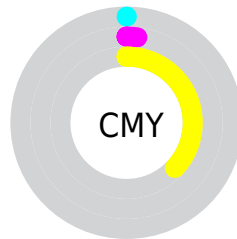
- Red (100%)
- Green (98%)
- Blue (63%)



- Red (65%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16775840 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 16775840 by changing the saturation by 10% instead.

 16775840

 16775840


16777215

 14867845

 16777176

 12960363

 16777204

 11118418

 9276473

 7566111

 5790209

 4211456

 2567424

 661760

 16775840

 16775840

 16775558

 16776122

 16775021

 16776659

 16774740

 16776941

 16774458

16777215

 16773921

 16773639

 16773632

Harmonies

Analogous

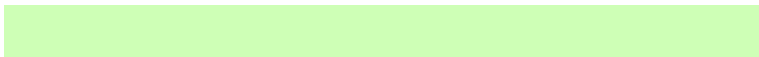
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16772002



16775840



13565878

Triad

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



16775840



6094847



16766975

Complementary

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



16775840



10528255

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.



16770047



16775840



9764863

Square

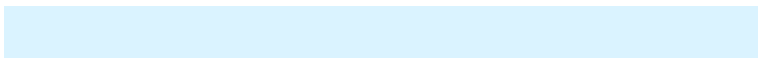
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16775840



6750207



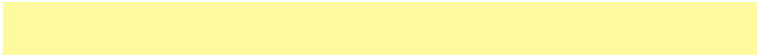
14349311



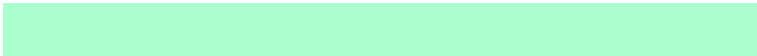
16766435

Rectangle

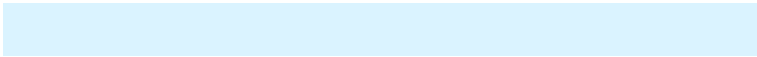
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16775840



11272142



14349311



16767999

Sweetspot

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



16775840



16776931



16752806



8421231



0



8421504

Same Dimension

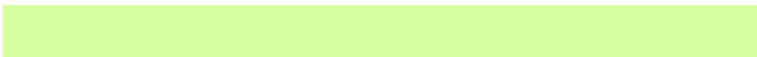
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16775840



16775564



14090144



8421235



12563712



4209664

Inverse Universe

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



10528255



9212671



13213951



7566208



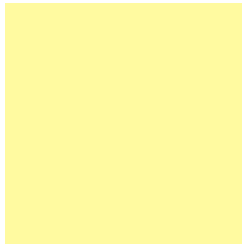
2751



832

Previews

White Background



This preview shows how the Decimal color 16775840 looks on a white background.

Color Contrast Check

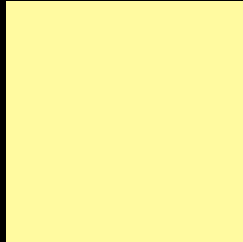
Large Text (above 18pt) WCAG AA × Fail

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 16775840 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 16775840 Background



This preview shows how black text looks on a background with the Decimal color 16775840.

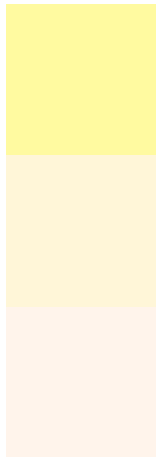


This preview shows how white text looks on a background with the Decimal color 16775840.

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
16775840

Protanopia
16774872

Deuteranopia
16774379



Tritanopia
16774139

Trichromacy



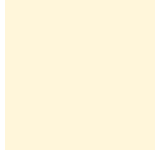
Original Color
16775840



Protanomaly
16775108



Deuteranomaly
16774864

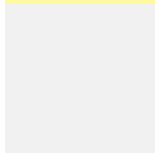


Tritanomaly
16774874

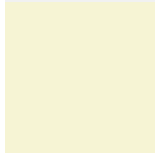
Monochromacy



Original Color
16775840



Achromatopsia
15856113



Achromatomaly
16184532

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16775840 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 #FFFAA0 looks like.

```
.text, #text, p{  
    color:#FFFAA0  
}
```

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 #FFFAA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFAA0
}
```

Border

The CSS property to change the border of an element to Decimal 16775840 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
#FFFAA0 }
```

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

```
.border{ border-color:#FFFAA0 }
```

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

Here you see how a box with a 4 pixel #FFFAA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFAA0; -webkit-box-shadow:4px 4px  
4px 4px #FFFAA0; box-shadow:4px 4px 4px  
4px #FFFAA0 }
```

Background

The CSS property to change the background color of an element to Decimal 16775840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFAA0 }
```

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

```
.background{ background-color:#FFFAA0 }
```

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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