

Converting Colors

Decimal(16775296)

Have a look what the booklet for
Decimal(16775296) contains.

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Color

Decimal(16775296)

Conversions

Conversions Part 1

Format	Color
Hex	FFF880
RGB	255, 248, 128
RGB Percent	100%, 97%, 50%
CMY	0.0000, 0.0275, 0.4980
CMYK	0.00, 0.03, 0.50, 0.00
HSL	57°, 100%, 75%
HSV	57°, 50%, 100%
XYZ	78.7037, 89.9533, 33.6367
YIQ	236.4130, 42.6920, -35.8360

Conversions

Conversions Part 2

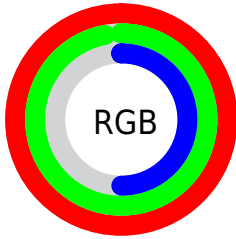
Format	Color
RYB	135, 255, 128
Decimal	16775296
CIELab	95.98, -13.14, 57.86
CIELCh	96, 59.336, 102.794
Yxy	89.9533, 0.3891, 0.4447
Android (android.graphics.Color)	4294965376 (0xFFFFFFFF880)
YUV	236.4130, -53.4476, 16.3008
Hunter-Lab	94.8437, -17.8528, 45.3632

Details

The Decimal color **16775296** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8423423**, and the grayscale version is **15592941**.

A 20% lighter version of the original color is **16777143**, and **12894282** is the 20% darker color. If you saturate the color by 10%, you get **16775015**, and if you desaturate by 10%, it is **16775578**.

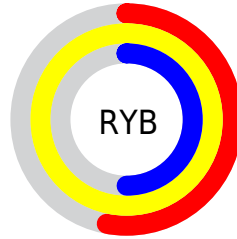
Distribution



Red (100%)

Green (97%)

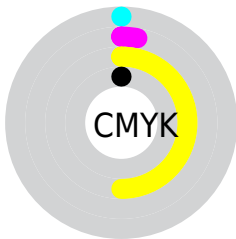
Blue (50%)



Red (53%)

Yellow (100%)

Blue (50%)

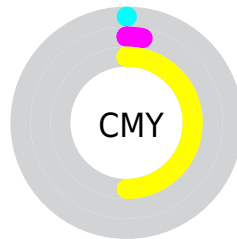


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16775296 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 16775296 by changing the saturation by 10% instead.

 16775296

 16775296

16777215

 14802021

 16777143

 12894282

 16777172

 10986799

 16777201

 9145101

 7368960

 5593344

 3883520

 2173952

 6400

 16775296

 16775296

 16775015

 16775578

 16774477

 16776115

 16774195

 16776397

 16773658

 16776934

 16773376

16777215

Harmonies

Analogous

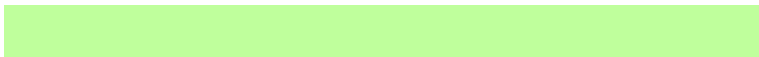
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770181



16775296



12582812

Triad

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



16775296



65535



16763391

Complementary

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



16775296



8423423

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.



16767999



16775296



3735551

Square

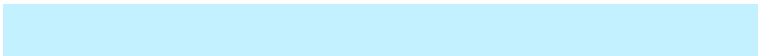
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16775296



65535



12841471



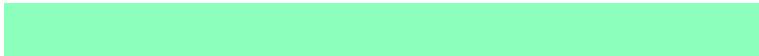
16762333

Rectangle

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



16775296



9306045



12841471



16764671

Sweetspot

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



16775296



16776665



16744584



8420969



0



8421504

Same Dimension

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



16775296



16775014



13172608



8421235



12563712



4209664

Inverse Universe

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



8423423



6713087



12026111



7566208



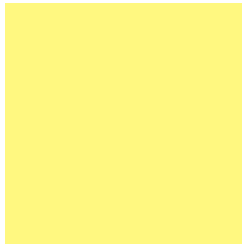
3007



1088

Previews

White Background



This preview shows how the Decimal color 16775296 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 16775296 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 16775296 Background



This preview shows how black text looks on a background with the Decimal color 16775296.

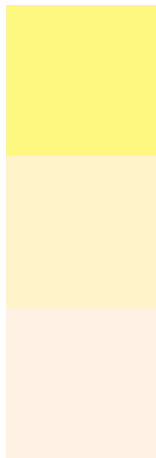


This preview shows how white text looks on a background with the Decimal color 16775296.

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
16775296

Protanopia
16774089

Deuteranopia
16773603



Tritanopia
16773112

Trichromacy



Original Color
16775296



Protanomaly
16774574



Deuteranomaly
16774335

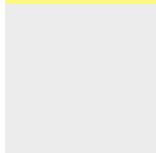


Tritanomaly
16773836

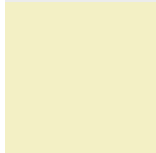
Monochromacy



Original Color
16775296



Achromatopsia
15527148



Achromatomaly
15986885

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16775296 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 #FFF880 looks like.

```
.text, #text, p{  
  color:#FFF880  
}
```

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 #FFF880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF880
}
```

Border

The CSS property to change the border of an element to Decimal 16775296 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
#FFF880 }
```

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

```
.border{ border-color:#FFF880 }
```

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

Here you see how a box with a 4 pixel #FFF880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF880; -webkit-box-shadow:4px 4px  
4px 4px #FFF880; box-shadow:4px 4px 4px  
4px #FFF880 }
```

Background

The CSS property to change the background color of an element to Decimal 16775296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF880 }
```

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

```
.background{ background-color:#FFF880 }
```

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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