

Converting Colors

Decimal(16776063)

Have a look what the booklet for
Decimal(16776063) contains.

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Color

Decimal(16776063)

Conversions

Conversions Part 1

Format	Color
Hex	FFFB7F
RGB	255, 251, 127
RGB Percent	100%, 98%, 50%
CMY	0.0000, 0.0157, 0.5020
CMYK	0.00, 0.02, 0.50, 0.00
HSL	58°, 100%, 75%
HSV	58°, 50%, 100%
XYZ	79.5679, 91.7867, 33.6016
YIQ	238.0600, 42.1880, -37.7160

Conversions

Conversions Part 2

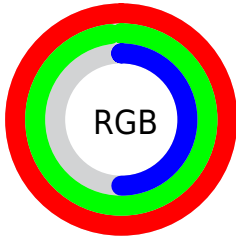
Format	Color
R_{YB}	131, 255, 127
Decimal	16776063
CIE _{Lab}	96.73, -14.68, 59.21
CIE _{LCh}	97, 61.007, 103.928
Yxy	91.7867, 0.3882, 0.4478
Android (android.graphics.Color)	4294966143 (0xFFFFFB7F)
YUV	238.0600, -54.7526, 14.8564
Hunter-Lab	95.8054, -19.4122, 46.2691

Details

The Decimal color **16776063** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8356863**, and the grayscale version is **15724527**.

A 20% lighter version of the original color is **16777142**, and **12895049** is the 20% darker color. If you saturate the color by 10%, you get **16775782**, and if you desaturate by 10%, it is **16776345**.

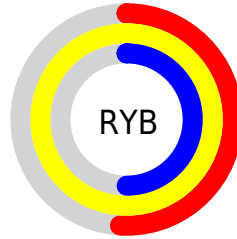
Distribution



Red (100%)

Green (98%)

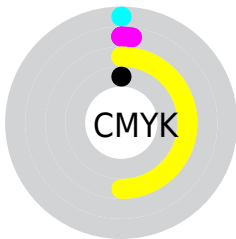
Blue (50%)



Red (51%)

Yellow (100%)

Blue (50%)

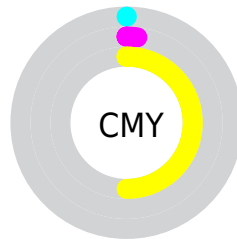


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16776063 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 16776063 by changing the saturation by 10% instead.

 16776063

 16776063

16777215

 14802532

 16777142

 12895049

 16777171

 10987565

 16777200

 9145609

 7369728

 5593856

 3884032

 2174464

 6656

 16776063

 16776063

 16775782

 16776345

 16775500

 16776626

 16775475

 16776652

 16775193

 16776933

 16774912

16777215

Harmonies

Analogous

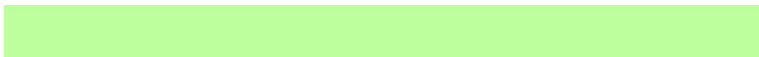
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770947



16776063



12451741

Triad

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



16776063



65535



16763391

Complementary

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



16776063



8356863

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.



16768255



16776063



3407871

Square

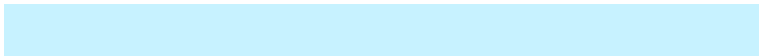
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16776063



65535



13103871



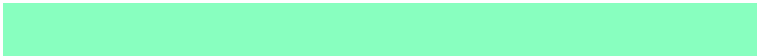
16762332

Rectangle

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



16776063



8978367



13103871



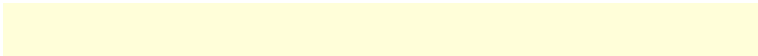
16764671

Sweetspot

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



16776063



16776921



16744323



8421225



0



8421504

Same Dimension

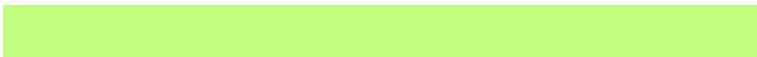
The Same Dimension uses a secret algorithm to generate beautiful new colors.



16776063



16775782



12844927



8421235



12564736



4210176

Inverse Universe

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



8356863



6712319



12287999



7566208



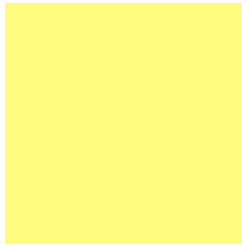
1727



576

Previews

White Background



This preview shows how the Decimal color 16776063 looks on a white background.

Color Contrast Check

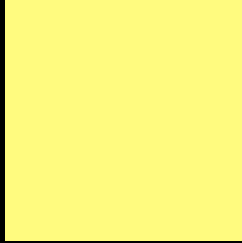
Large Text (above 18pt) WCAG AA × Fail

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 16776063 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 16776063 Background



This preview shows how black text looks on a background with the Decimal color 16776063.

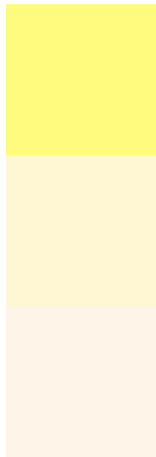


This preview shows how white text looks on a background with the Decimal color 16776063.

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
16776063

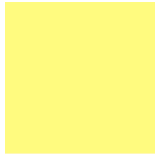
Protanopia
16774868

Deuteranopia
16774376



Tritanopia
16773882

Trichromacy



Original Color
16776063



Protanomaly
16775349



Deuteranomaly
16775106

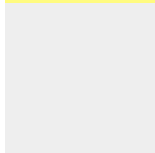


Tritanomaly
16774605

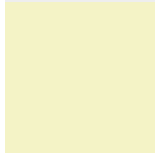
Monochromacy



Original Color
16776063



Achromatopsia
15658734



Achromatomaly
16053190

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16776063 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 #FFFB7F looks like.

```
.text, #text, p{  
    color:#FFFB7F  
}
```

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 #FFFB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFFB7F
}
```

Border

The CSS property to change the border of an element to Decimal 16776063 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
#FFFB7F }
```

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

```
.border{ border-color:#FFFB7F }
```

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

Here you see how a box with a 4 pixel #FFFB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFFB7F; -webkit-box-shadow:4px 4px  
4px 4px #FFFB7F; box-shadow:4px 4px 4px  
4px #FFFB7F }
```

Background

The CSS property to change the background color of an element to Decimal 16776063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFFB7F }
```

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

```
.background{ background-color:#FFFB7F }
```

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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