

Converting Colors

Decimal(16765849)

Have a look what the booklet for
Decimal(16765849) contains.

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Color

Decimal(16765849)

Conversions

Conversions Part 1

Format	Color
Hex	FFD399
RGB	255, 211, 153
RGB Percent	100%, 83%, 60%
CMY	0.0000, 0.1725, 0.4000
CMYK	0.00, 0.17, 0.40, 0.00
HSL	34°, 100%, 80%
HSV	34°, 40%, 100%
XYZ	70.2840, 70.1484, 39.9726
YIQ	217.5440, 44.8420, -8.7100

Conversions

Conversions Part 2

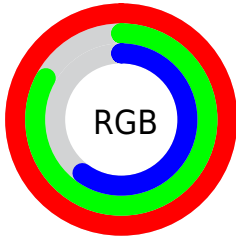
Format	Color
RYB	230, 255, 153
Decimal	16765849
CIELab	87.07, 7.88, 34.50
CIElCh	87, 35.387, 77.137
Yxy	70.1484, 0.3896, 0.3888
Android (android.graphics.Color)	4294955929 (0xFFFFD399)
YUV	217.5440, -31.8202, 32.8489
Hunter-Lab	83.7547, 3.2204, 30.3316

Details

The Decimal color **16765849** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10077695**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **16777168**, and **12950885** is the 20% darker color. If you saturate the color by 10%, you get **16763008**, and if you desaturate by 10%, it is **16768691**.

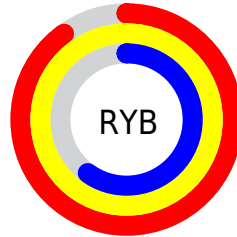
Distribution



Red (100%)

Green (83%)

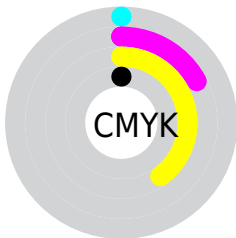
Blue (60%)



Red (90%)

Yellow (100%)

Blue (60%)

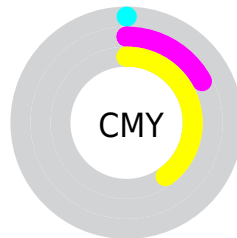


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (0%)



Cyan (0%)














Magenta (17%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16765849 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 16765849 by changing the saturation by 10% instead.

 16765849	 16765849
16777215	 14858111
 16777168	 12950885
 16777196	 11043661
	 9267509
	 7491870
	 5716485
	 4072704
	 2429184
	 0

 16765849

 16765849

 16763008

 16768691

 16760166

 16771532

 16757325

 16774374

 16754483

16777215

 16751641

 16748800

Harmonies

Analogous

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



16763050



16765849



14605977

Triad

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



16765849



7663085



16174079

Complementary

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



16765849



10077695

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.



13359103



16765849



7727615

Square

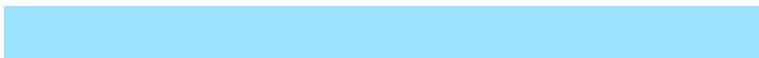
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16765849



9563338



10150655



16761834

Rectangle

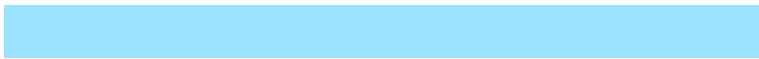
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16765849



12969124



10150655



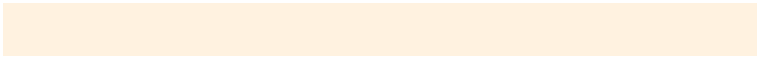
15323135

Sweetspot

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



16765849



16773856



16751045



8419438



0



8421504

Same Dimension

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



16765849



16763525



16318361



8419955



12545280



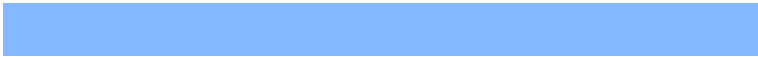
4203520

Inverse Universe

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



10077695



8763903



10525183



7567488



21439



7232

Previews

White Background



This preview shows how the Decimal color 16765849 looks on a white background.

Color Contrast Check

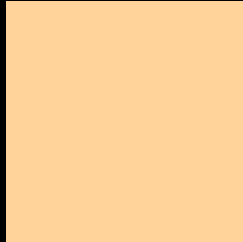
Large Text (above 18pt) WCAG AA × Fail

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 16765849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

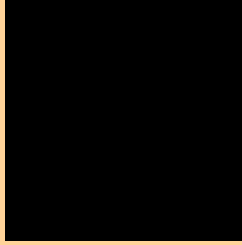
Any Text WCAG AA ✓ Pass

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 16765849 Background



This preview shows how black text looks on a background with the Decimal color 16765849.



This preview shows how white text looks on a background with the Decimal color 16765849.

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
16764378

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16765849 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 #FFD399 looks like.

```
.text, #text, p{  
    color:#FFD399  
}
```

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 #FFD399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD399
}
```

Border

The CSS property to change the border of an element to Decimal 16765849 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
#FFD399 }
```

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

```
.border{ border-color:#FFD399 }
```

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

Here you see how a box with a 4 pixel #FFD399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD399; -webkit-box-shadow:4px 4px  
4px 4px #FFD399; box-shadow:4px 4px 4px  
4px #FFD399 }
```

Background

The CSS property to change the background color of an element to Decimal 16765849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD399 }
```

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

```
.background{ background-color:#FFD399 }
```

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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