

Converting Colors

Decimal(16766334)

Have a look what the booklet for
Decimal(16766334) contains.

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Color

Decimal(16766334)

Conversions

Conversions Part 1

Format	Color
Hex	FFD57E
RGB	255, 213, 126
RGB Percent	100%, 84%, 49%
CMY	0.0000, 0.1647, 0.5059
CMYK	0.00, 0.16, 0.51, 0.00
HSL	40°, 100%, 75%
HSV	40°, 51%, 100%
XYZ	68.8001, 70.3549, 29.6924
YIQ	215.6400, 52.9590, -18.1530

Conversions

Conversions Part 2

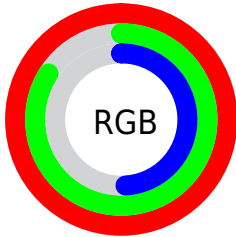
Format	Color
RYB	188, 255, 126
Decimal	16766334
CIELab	87.17, 4.24, 48.18
CIELCh	87, 48.371, 84.974
Yxy	70.3549, 0.4075, 0.4167
Android (android.graphics.Color)	4294956414 (0xFFFFD57E)
YUV	215.6400, -44.1925, 34.5187
Hunter-Lab	83.8778, -0.3729, 37.7261

Details

The Decimal color **16766334** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8300799**, and the grayscale version is **14211288**.

A 20% lighter version of the original color is **16777140**, and **12885834** is the 20% darker color. If you saturate the color by 10%, you get **16764261**, and if you desaturate by 10%, it is **16768408**.

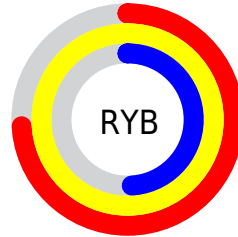
Distribution



Red (100%)

Green (84%)

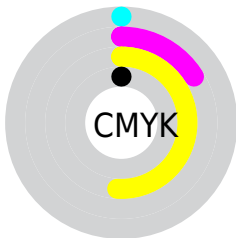
Blue (49%)



Red (74%)

Yellow (100%)

Blue (49%)

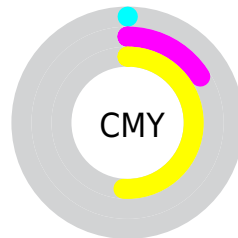


Cyan (0%)

Magenta (16%)

Yellow (51%)

Black (0%)



Cyan (0%)















Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16766334 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 16766334 by changing the saturation by 10% instead.

 16766334	 16766334
16777215	 14793060
 16777140	 12885834
 16777168	 10978609
 16777197	 9136918
	 7295744
	 5585920
	 3811072
	 2233088
	 0

■ 16766334

■ 16766334

■ 16764261

■ 16768408

■ 16761931

■ 16770737

■ 16759857

■ 16772811

■ 16757784

■ 16774884

■ 16755712

16777214

16777215

Harmonies

Analogous

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



16762257



16766334



13755269

Triad

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



16766334



62207



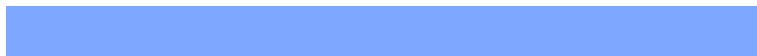
16761343

Complementary

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



16766334



8300799

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.



13947391



16766334



1306111

Square

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



16766334



5894865



8839679



16758756

Rectangle

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



16766334



11463576



8839679



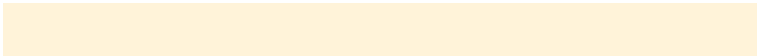
16566015

Sweetspot

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



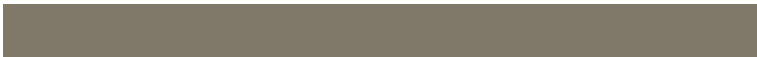
16766334



16774105



16744105



8419433



0



8421504

Same Dimension

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



16766334



16764003



15400830



8420211



12550400



4205312

Inverse Universe

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



8300799



6526719



9666303



7567232



16063



5440

Previews

White Background



This preview shows how the Decimal color 16766334 looks on a white background.

Color Contrast Check

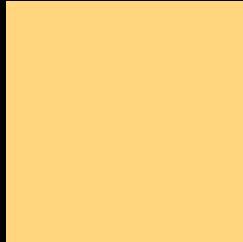
Large Text (above 18pt) WCAG AA × Fail

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 16766334 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 16766334 Background



This preview shows how black text looks on a background with the Decimal color 16766334.



This preview shows how white text looks on a background with the Decimal color 16766334.

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
16764634

Trichromacy



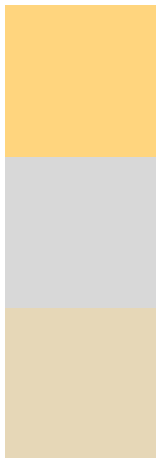
Original Color
16766334

Protanomaly
16111999

Deuteranomaly
16766097

Tritanomaly
16765369

Monochromacy



Original Color
16766334

Achromatopsia
14211288

Achromatomaly
15128503

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16766334 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 #FFD57E looks like.

```
.text, #text, p{  
  color:#FFD57E  
}
```

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 #FFD57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD57E
}
```

Border

The CSS property to change the border of an element to Decimal 16766334 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
#FFD57E }
```

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

```
.border{ border-color:#FFD57E }
```

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

Here you see how a box with a 4 pixel #FFD57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD57E; -webkit-box-shadow:4px 4px  
4px 4px #FFD57E; box-shadow:4px 4px 4px  
4px #FFD57E }
```

Background

The CSS property to change the background color of an element to Decimal 16766334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD57E }
```

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

```
.background{ background-color:#FFD57E }
```

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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