

# Converting Colors

Decimal(16635550)

Have a look what the booklet for  
Decimal(16635550) contains.

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# **Color**

**Decimal(16635550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FDD69E
RGB	253, 214, 158
RGB Percent	99%, 84%, 62%
CMY	0.0078, 0.1608, 0.3804
CMYK	0.00, 0.15, 0.38, 0.01
HSL	35°, 96%, 81%
HSV	35°, 38%, 99%
XYZ	70.7261, 71.4444, 42.4102
YIQ	219.2770, 41.2200, -9.1480

# Conversions

## Conversions Part 2

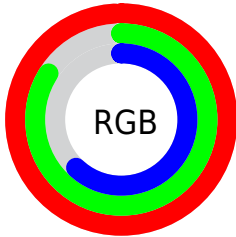
Format	Color
<a href="#">RYB</a>	<a href="#">224, 253, 158</a>
Decimal	<a href="#">16635550</a>
CIELab	<a href="#">87.70, 6.10, 32.73</a>
CIELCh	<a href="#">88, 33.298, 79.436</a>
Yxy	<a href="#">71.4444, 0.3832, 0.3871</a>
Android (android.graphics.Color)	<a href="#">4294825630</a> ( <a href="#">0xFFFDD69E</a> )
YUV	<a href="#">219.2770, -30.2096, 29.5751</a>
Hunter-Lab	<a href="#">84.5248, 1.4415, 29.4187</a>

# Details

The Decimal color **16635550** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **10405373**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777173**, and **12820330** is the 20% darker color. If you saturate the color by 10%, you get **16632965**, and if you desaturate by 10%, it is **16638135**.

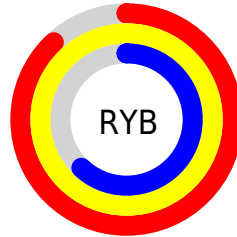
# Distribution



Red (99%)

Green (84%)

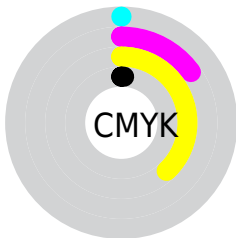
Blue (62%)



Red (88%)

Yellow (99%)

Blue (62%)

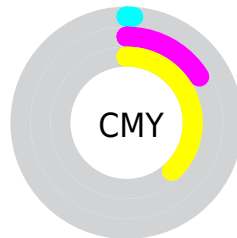


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16635550 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 16635550 by changing the saturation by 10% instead.



 16635550

 16635550

16777215

 14727812

 16777173

 12820330

 16777202

 10978641

 9137209

 7361570

 5651723

 4073216

 2429696

 0

 16635550

 16635550

 16632965

 16638135

 16630123

 16640977

 16627538

 16643562

 16624697

16646143

 16622112

 16619526

 16618752

# Harmonies

## Analogous

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



16764077



16635550



14540960

# Triad

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



16635550



8252912



16371199

# Complementary

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



16635550



10405373

# 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.



13752575



16635550



8514303

# Square

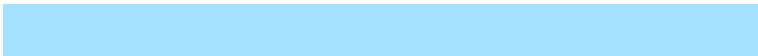
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16635550



9891279



10806015



16762600

# Rectangle

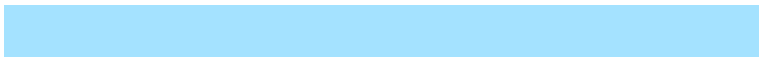
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16635550



12969642



10806015



15585535

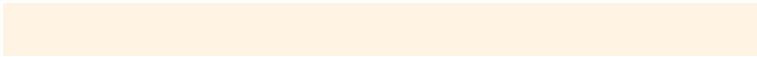


# Sweetspot

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



16635550



16774115



16621254



8419695



0



8421504



# Same Dimension

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



16635550



16765068



16121246



8419955



12546304



4204032



# Inverse Universe

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



10405373



9223167



10919677



7567488



20415



6720



# Previews

## White Background



This preview shows how the Decimal color 16635550 looks on a white background.

## Color Contrast Check

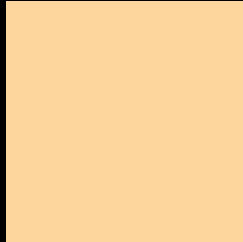
Large Text (above 18pt) WCAG AA × Fail

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 16635550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

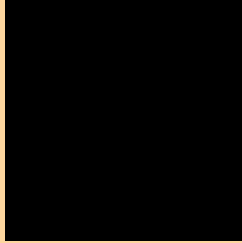
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 16635550 Background



This preview shows how black text looks on a background with the Decimal color 16635550.




This preview shows how white text looks on a background with the Decimal color 16635550.

# 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**  
16765149

# Trichromacy



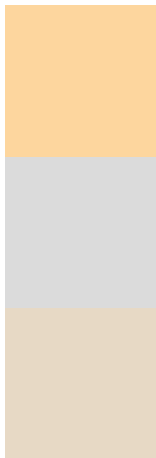
**Original Color**  
16635550

**Protanomaly**  
15915680

**Deuteranomaly**  
16700838

**Tritanomaly**  
16700102

# Monochromacy



**Original Color**  
16635550

**Achromatopsia**  
14408667

**Achromatomaly**  
15194565

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16635550 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 #FDD69E looks like.

```
.text, #text, p{  
  color:#FDD69E  
}
```

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 #FDD69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FDD69E
}
```

## Border

The CSS property to change the border of an element to Decimal 16635550 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
#FDD69E }
```

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

```
.border{ border-color:#FDD69E }
```

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

Here you see how a box with a 4 pixel #FDD69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FDD69E; -webkit-box-shadow:4px 4px  
4px 4px #FDD69E; box-shadow:4px 4px 4px  
4px #FDD69E }
```

# Background

The CSS property to change the background color of an element to Decimal 16635550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FDD69E }
```

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

```
.background{ background-color:#FDD69E }
```

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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