

# Converting Colors

Decimal(16440445)

Have a look what the booklet for  
Decimal(16440445) contains.

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# **Color**

**Decimal(16440445)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADC7D
RGB	250, 220, 125
RGB Percent	98%, 86%, 49%
CMY	0.0196, 0.1373, 0.5098
CMYK	0.00, 0.12, 0.50, 0.02
HSL	46°, 93%, 74%
HSV	46°, 50%, 98%
XYZ	68.7192, 72.9911, 29.8688
YIQ	218.1400, 48.3750, -23.1850

# Conversions

## Conversions Part 2

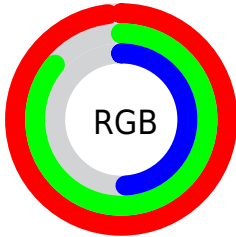
Format	Color
<a href="#">RYB</a>	164, 250, 125
Decimal	16440445
CIELab	88.44, -1.42, 50.12
CIELCh	88, 50.143, 91.628
Yxy	72.9911, 0.4005, 0.4254
Android (android.graphics.Color)	4294630525 (0xFFFA7C7D)
YUV	218.1400, -45.9180, 27.9412
Hunter-Lab	85.4348, -5.9350, 39.0760

# Details

The Decimal color **16440445** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **8231930**, and the grayscale version is **14408667**.

A 20% lighter version of the original color is **16777139**, and **12559689** is the 20% darker color. If you saturate the color by 10%, you get **16438884**, and if you desaturate by 10%, it is **16442006**.

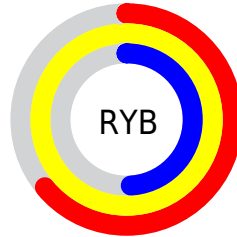
# Distribution



Red (98%)

Green (86%)

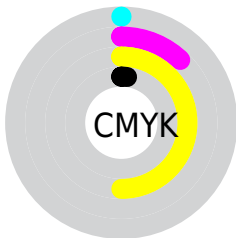
Blue (49%)



Red (64%)

Yellow (98%)

Blue (49%)

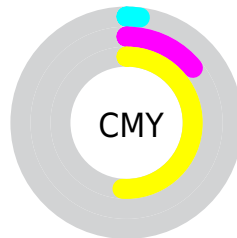


Cyan (0%)

Magenta (12%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (14%)















Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16440445 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 16440445 by changing the saturation by 10% instead.



 16440445	 16440445
16777215	 14467171
 16777139	 12559689
 16777167	 10717999
 16777196	 8876563
	 7035136
	 5325312
	 3615744
	 1972224
	 0

 16440445

 16440445

 16438884

 16442006

 16437323

 16443567

 16435762

 16445128

 16434201

 16446689

 16432640

 16448250

 16449535

# Harmonies

## Analogous

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



16763787



16440445



13167243

# Triad

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



16440445



63231



16761087

# Complementary

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



16440445



8231930

# 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.



15127039



16440445



2813951

# Square

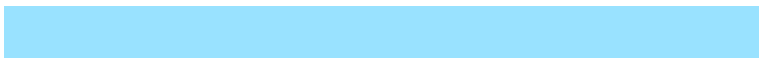
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16440445



4192223



10085119



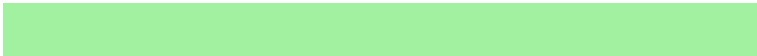
16759005

# Rectangle

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



16440445



10678689



10085119



16762367



# Sweetspot

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



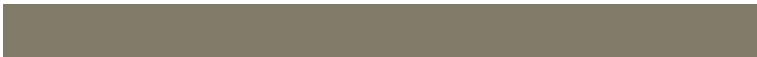
16440445



16774873



16416156



8419945



0



8421504



# Same Dimension

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



16440445



16767590



14416509



8223344



12422912



4009728



# Inverse Universe

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



8231930



6720511



10255866



7369597



11709



3901



# Previews

## White Background



This preview shows how the Decimal color 16440445 looks on a white background.

## Color Contrast Check

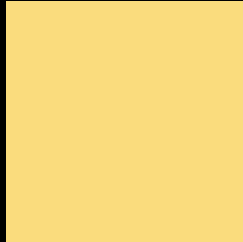
Large Text (above 18pt) WCAG AA × Fail

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 16440445 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 16440445 Background



This preview shows how black text looks on a background with the Decimal color 16440445.



This preview shows how white text looks on a background with the Decimal color 16440445.

# 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**  
16440445

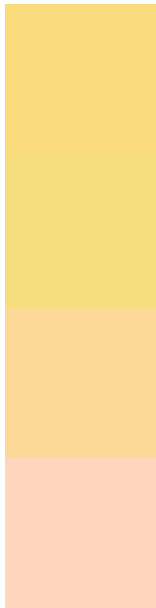
**Protanopia**  
16047742

**Deuteranopia**  
16766887



**Tritanopia**  
16765664

# Trichromacy



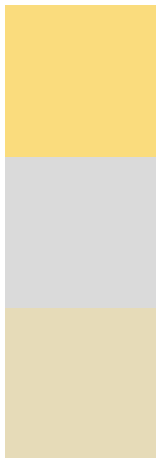
**Original Color**  
16440445

**Protanomaly**  
16178558

**Deuteranomaly**  
16636312

**Tritanomaly**  
16635580

# Monochromacy



**Original Color**  
16440445

**Achromatopsia**  
14342874

**Achromatomaly**  
15129528

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16440445 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 #FADC7D looks like.

```
.text, #text, p{  
  color:#FADC7D  
}
```

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 #FADC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FADC7D
}
```

## Border

The CSS property to change the border of an element to Decimal 16440445 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
#FADC7D }
```

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

```
.border{ border-color:#FADC7D }
```

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

Here you see how a box with a 4 pixel #FADC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FADC7D; -webkit-box-shadow:4px 4px  
4px 4px #FADC7D; box-shadow:4px 4px 4px  
4px #FADC7D }
```

# Background

The CSS property to change the background color of an element to Decimal 16440445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FADC7D }
```

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

```
.background{ background-color:#FADC7D }
```

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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