

# Converting Colors

Decimal(16764590)

Have a look what the booklet for  
Decimal(16764590) contains.

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# **Color**

**Decimal(16764590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCEAE
RGB	255, 206, 174
RGB Percent	100%, 81%, 68%
CMY	0.0000, 0.1922, 0.3176
CMYK	0.00, 0.19, 0.32, 0.00
HSL	24°, 100%, 84%
HSV	24°, 32%, 100%
XYZ	70.9513, 68.4586, 49.5187
YIQ	217.0030, 39.4760, 0.4360

# Conversions

## Conversions Part 2

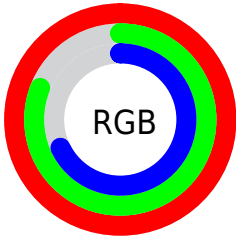
Format	Color
R <sub>Y</sub> B	255, 227, 174
Decimal	16764590
CIE Lab	86.24, 12.90, 22.46
CIE LCh	86, 25.905, 60.133
Yxy	68.4586, 0.3755, 0.3624
Android (android.graphics.Color)	4294954670 (0xFFFFCEAE)
YUV	217.0030, -21.2005, 33.3234
Hunter-Lab	82.7397, 8.2735, 22.4335

# Details

The Decimal color **16764590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **11460607**, and the grayscale version is **14277081**.

A 20% lighter version of the original color is **16777190**, and **12949625** is the 20% darker color. If you saturate the color by 10%, you get **16760724**, and if you desaturate by 10%, it is **16768456**.

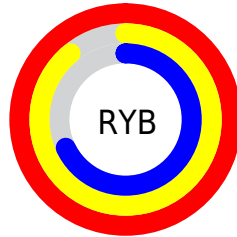
# Distribution



Red (100%)

Green (81%)

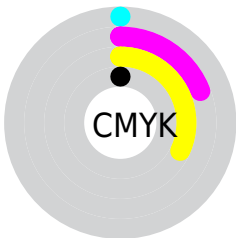
Blue (68%)



Red (100%)

Yellow (89%)

Blue (68%)

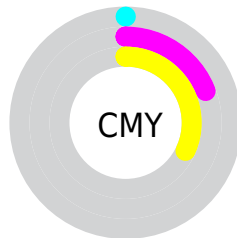


Cyan (0%)

Magenta (19%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16764590 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 16764590 by changing the saturation by 10% instead.



 16764590

 16764590

16777215

 14856851

 16777190

 12949625

 11107936

 9332041

 7556402

 5846556

 4202500

 2624256

 0

16764590

16764590

16760724

16768456

16756603

16772577

16752738

16776443

16748616

16777215

16744751

16740629

16737536

# Harmonies

## Analogous

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



16763072



16764590



15390375

# Triad

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



16764590



10282711



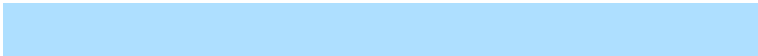
14471679

# Complementary

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



16764590



11460607

# 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.



12311295



16764590



9692655

# Square

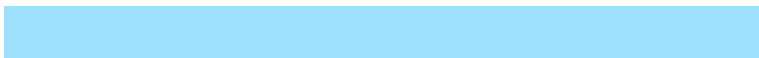
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16764590



11854783



10412543



16304881

# Rectangle

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



16764590



14277545



10412543



13751551

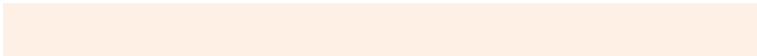


# Sweetspot

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



16764590



16773350



16756448



8418928



0



8421504



# Same Dimension

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



16764590



16762014



16774830



8419443



12536832

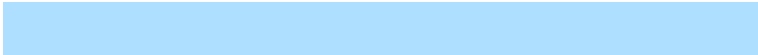


4200704

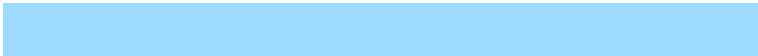


# Inverse Universe

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



11460607



10410495



11450367



7568000



29887



10048



# Previews

## White Background



This preview shows how the Decimal color 16764590 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 16764590 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

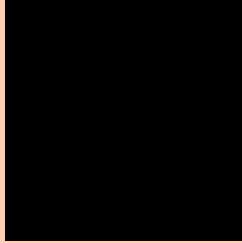
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 16764590 Background



This preview shows how black text looks on a background with the Decimal color 16764590.



This preview shows how white text looks on a background with the Decimal color 16764590.

# 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](#).

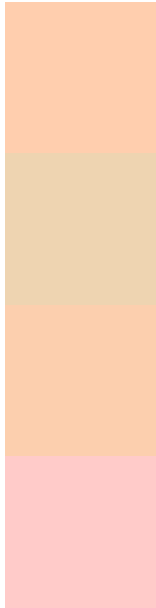
## Dichromacy





**Tritanopia**  
16763608

# Trichromacy



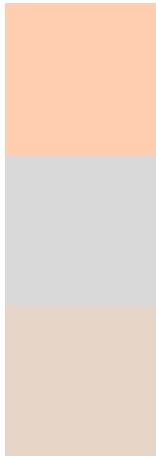
**Original Color**  
16764590

**Protanomaly**  
15652017

**Deuteranomaly**  
16568238

**Tritanomaly**  
16763849

# Monochromacy



**Original Color**  
16764590

**Achromatopsia**  
14277081

**Achromatomaly**  
15193545

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16764590 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 #FFCEAE looks like.

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

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 #FFCEAE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 16764590 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
#FFCEAE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 16764590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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