

# Converting Colors

Decimal(15914689)

Have a look what the booklet for  
Decimal(15914689) contains.

<b>Decimal(15914689)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15914689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D6C1
RGB	242, 214, 193
RGB Percent	95%, 84%, 76%
CMY	0.0510, 0.1608, 0.2431
CMYK	0.00, 0.12, 0.20, 0.05
HSL	26°, 65%, 85%
HSV	26°, 20%, 95%
XYZ	70.2902, 70.8206, 60.4171
YIQ	219.9780, 23.4290, -0.5950

# Conversions

## Conversions Part 2

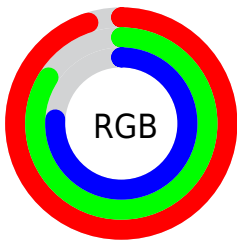
Format	Color
<a href="#">RYB</a>	<a href="#">242, 230, 193</a>
Decimal	<a href="#">15914689</a>
CIELab	<a href="#">87.40, 6.48, 13.92</a>
CIELCh	<a href="#">87, 15.357, 65.057</a>
Yxy	<a href="#">70.8206, 0.3488, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4294104769</a> ( <a href="#">0xFFF2D6C1</a> )
YUV	<a href="#">219.9780, -13.3002, 19.3133</a>
Hunter-Lab	<a href="#">84.1550, 1.8202, 16.3426</a>

# Details

The Decimal color **15914689** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **12705266**, and the grayscale version is **14474460**.

A 20% lighter version of the original color is **16777209**, and **12165003** is the 20% darker color. If you saturate the color by 10%, you get **15911081**, and if you desaturate by 10%, it is **15918297**.

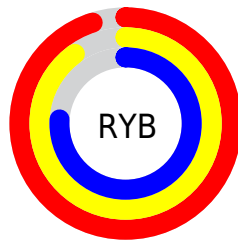
# Distribution



Red (95%)

Green (84%)

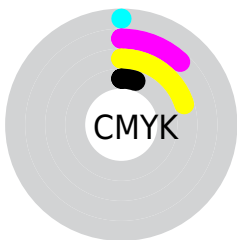
Blue (76%)



Red (95%)

Yellow (90%)

Blue (76%)

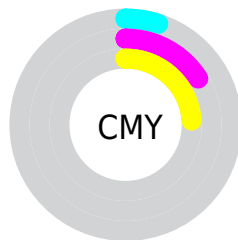


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15914689 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 15914689 by changing the saturation by 10% instead.



 15914689

 15914689

16777215

 14006950

 16777209

 12165003

 10388850

 8678489

 6968386

 5324076

 3745559

 2363904

 0

 15914689

 15914689

 15911081

 15918297

 15907473

 15921905

 15904120

 15925247

 15900512

 15896904

 15893296

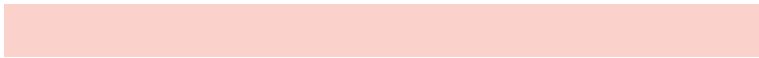
 15889688

 15886336

# Harmonies

## Analogous

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



16437963



15914689



14998462

# Triad

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



15914689



12182749



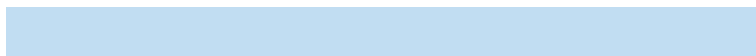
14800883

# Complementary

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



15914689



12705266

# 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.



13556728



15914689



11985899

# Square

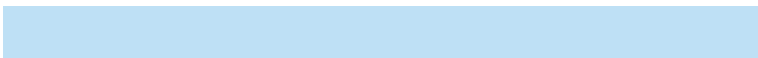
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15914689



12903118



12509429



15848424

# Rectangle

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



15914689



14278336



12509429



14407925

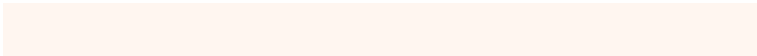


# Sweetspot

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



15914689



16774896



15909342



8419959



0



8421504

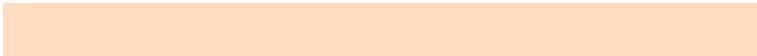


# Same Dimension

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



15914689



16768194



15920833



7893356



12078848



3676160

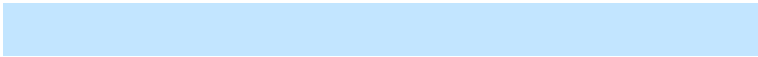


# Inverse Universe

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



12705266



12772863



12699122



7107448



27064

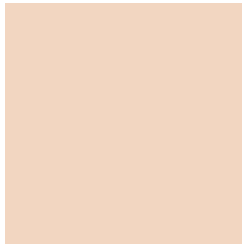


8248



# Previews

## White Background



This preview shows how the Decimal color 15914689 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 15914689 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 15914689 Background



This preview shows how black text looks on a background with the Decimal color 15914689.

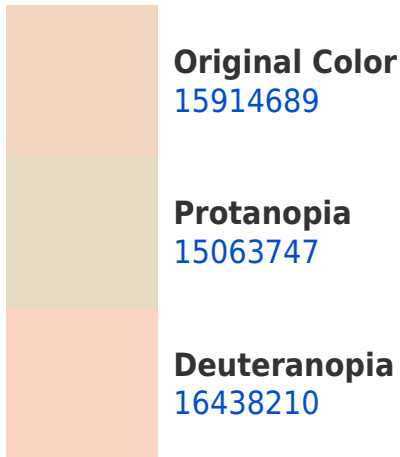



This preview shows how white text looks on a background with the Decimal color 15914689.

# 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**  
16175586

# Trichromacy



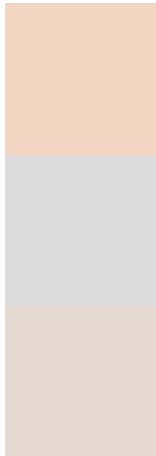
**Original Color**  
15914689

**Protanomaly**  
15391170

**Deuteranomaly**  
16241858

**Tritanomaly**  
16110550

# Monochromacy



**Original Color**  
15914689

**Achromatopsia**  
14474460

**Achromatomaly**  
14998226

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15914689 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 #F2D6C1 looks like.

```
.text, #text, p{  
    color:#F2D6C1  
}
```

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 #F2D6C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D6C1
}
```

## Border

The CSS property to change the border of an element to Decimal 15914689 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
#F2D6C1 }
```

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

```
.border{ border-color:#F2D6C1 }
```

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

Here you see how a box with a 4 pixel #F2D6C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D6C1; -webkit-box-shadow:4px 4px  
4px 4px #F2D6C1; box-shadow:4px 4px 4px  
4px #F2D6C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 15914689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D6C1 }
```

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

```
.background{ background-color:#F2D6C1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor