

# Converting Colors

Decimal(15919041)

Have a look what the booklet for  
Decimal(15919041) contains.

<b>Decimal(15919041)</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(15919041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2E7C1
RGB	242, 231, 193
RGB Percent	95%, 91%, 76%
CMY	0.0510, 0.0941, 0.2431
CMYK	0.00, 0.05, 0.20, 0.05
HSL	47°, 65%, 85%
HSV	47°, 20%, 95%
XYZ	74.8195, 79.8793, 61.9269
YIQ	229.9570, 18.7540, -9.4860

# Conversions

## Conversions Part 2

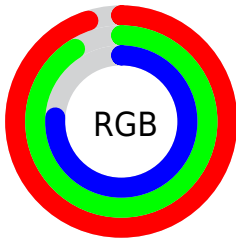
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 242, 193
Decimal	15919041
CIE <sub>Lab</sub>	91.63, -2.26, 19.86
CIE <sub>LCh</sub>	92, 19.993, 96.486
Yxy	79.8793, 0.3454, 0.3687
Android (android.graphics.Color)	4294109121 (0xFFFF2E7C1)
YUV	229.9570, -18.2198, 10.5617
Hunter-Lab	89.3752, -6.9773, 21.4814

# Details

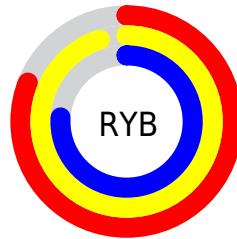
The Decimal color **15919041** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **12700914**, and the grayscale version is **15132390**.

A 20% lighter version of the original color is **16777210**, and **12234891** is the 20% darker color. If you saturate the color by 10%, you get **15917737**, and if you desaturate by 10%, it is **15920345**.

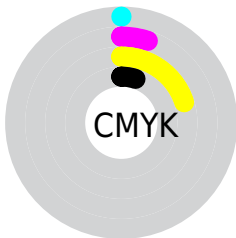
# Distribution



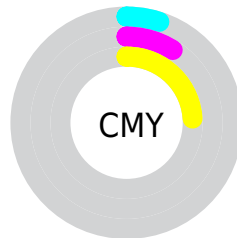
- Red (95%)
- Green (91%)
- Blue (76%)



- Red (81%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (5%)















- Cyan (5%)
- Magenta (9%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15919041 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 15919041 by changing the saturation by 10% instead.



 15919041	 15919041
16777215	 14011302
 16777210	 12234891
	 10392946
	 8682329
	 6971969
	 5393195
	 3814422
	 2432768
	 198400

 15919041

 15919041

 15917737

 15920345

 15916177

 15921905

 15914872

 15923199

 15913312

 15924735

 15912008

 15925247

 15910448

 15909144

 15907840

# Harmonies

## Analogous

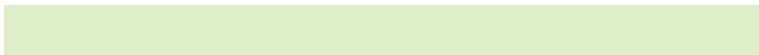
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16769476



15919041



14478792

# Triad

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



15919041



11923965



16768247

# Complementary

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



15919041



12700914

# Split Complementary

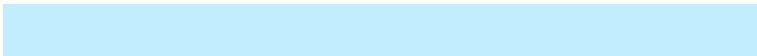
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15786495



15919041



12709375

# Square

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



15919041



12120811



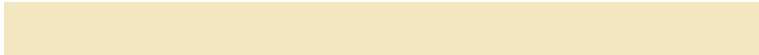
14149631



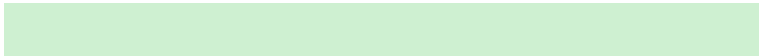
16767715

# Rectangle

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



15919041



13562065



14149631



16702972



# Sweetspot

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



15919041



16776432



15909324



8420727



0



8421504

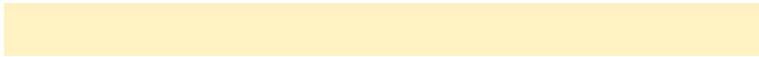


# Same Dimension

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



15919041



16773570



15069889



7894380



12094976



3681280



# Inverse Universe

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



12700914



12767487



13550066



7106424



10680

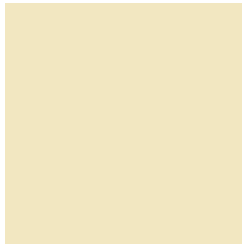


3384



# Previews

## White Background



This preview shows how the Decimal color 15919041 looks on a white background.

## Color Contrast Check

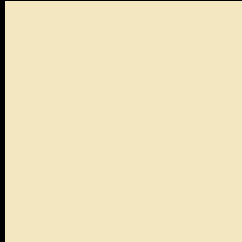
Large Text (above 18pt) WCAG AA × Fail

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 15919041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

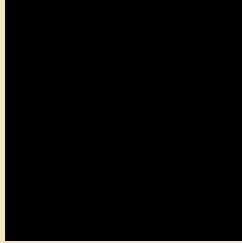
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

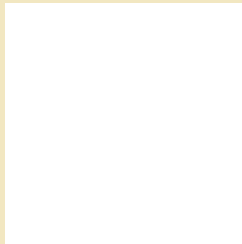
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15919041 Background



This preview shows how black text looks on a background with the Decimal color 15919041.




This preview shows how white text looks on a background with the Decimal color 15919041.

# 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](#).

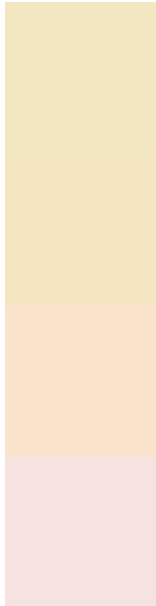
## Dichromacy





**Tritanopia**  
16310514

# Trichromacy



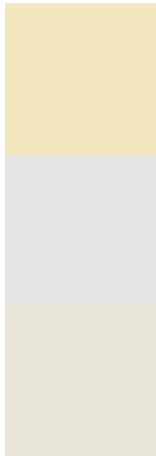
**Original Color**  
15919041

**Protanomaly**  
15984321

**Deuteranomaly**  
16442315

**Tritanomaly**  
16180192

# Monochromacy



**Original Color**  
15919041

**Achromatopsia**  
15132390

**Achromatomaly**  
15394521

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15919041 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 #F2E7C1 looks like.

```
.text, #text, p{  
    color:#F2E7C1  
}
```

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 #F2E7C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2E7C1
}
```

## Border

The CSS property to change the border of an element to Decimal 15919041 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
#F2E7C1 }
```

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

```
.border{ border-color:#F2E7C1 }
```

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

Here you see how a box with a 4 pixel #F2E7C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2E7C1; -webkit-box-shadow:4px 4px  
4px 4px #F2E7C1; box-shadow:4px 4px 4px  
4px #F2E7C1 }
```

# Background

The CSS property to change the background color of an element to Decimal 15919041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2E7C1 }
```

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

```
.background{ background-color:#F2E7C1 }
```

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