

# Converting Colors

Decimal(15267749)

Have a look what the booklet for  
Decimal(15267749) contains.

<b>Decimal(15267749)</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(15267749)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8F7A5
RGB	232, 247, 165
RGB Percent	91%, 97%, 65%
CMY	0.0902, 0.0314, 0.3529
CMYK	0.06, 0.00, 0.33, 0.03
HSL	71°, 84%, 81%
HSV	71°, 33%, 97%
XYZ	73.3310, 86.3939, 48.4081
YIQ	233.1670, 17.3820, -28.6820

# Conversions

## Conversions Part 2

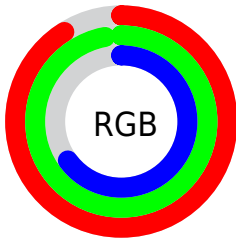
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 247, 180
Decimal	15267749
CIELab	94.48, -17.62, 37.84
CIElCh	94, 41.742, 114.975
Yxy	86.3939, 0.3523, 0.4151
Android (android.graphics.Color)	4293457829 (0xFFE8F7A5)
YUV	233.1670, -33.6063, -1.0235
Hunter-Lab	92.9483, -21.8332, 34.1853

# Details

The Decimal color **15267749** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **11838967**, and the grayscale version is **15329769**.

A 20% lighter version of the original color is **16777181**, and **11517808** is the 20% darker color. If you saturate the color by 10%, you get **14940044**, and if you desaturate by 10%, it is **15595454**.

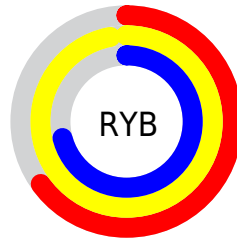
# Distribution



Red (91%)

Green (97%)

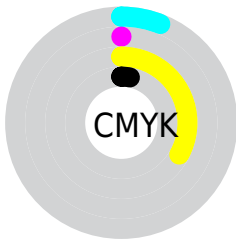
Blue (65%)



Red (65%)

Yellow (97%)

Blue (71%)

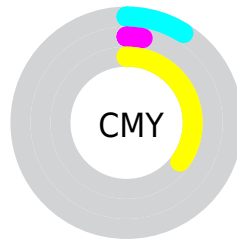


Cyan (6%)

Magenta (0%)

Yellow (33%)

Black (3%)



Cyan (9%)

Magenta (3%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15267749 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 15267749 by changing the saturation by 10% instead.



 15267749

 15267749

16777215

 13360010

 16777181

 11517808

 16777210

 9741399

 8030526

 6320166

 4675340

 3096576

 1518080

 6144

 15267749

 15267749

 14940044

 15595454

 14677876

 15857622

 14350171

 16185327

 14088002

 16447487

 13760297

 16775167

 13498129

 13301504

# Harmonies

## Analogous

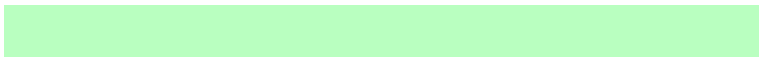
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16771743



15267749



12189632

# Triad

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



15267749



7798783



16765432

# Complementary

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



15267749



11838967

# 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.



16767487



15267749



11466239

# Square

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



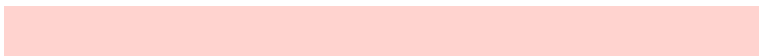
15267749



6815743



15460351



16765903

# Rectangle

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



15267749



10092505



15460351



16765951



# Sweetspot

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



15267749



16449510



16233381



8224880



0



8421504



# Same Dimension

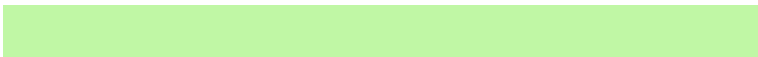
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15267749



15531929



12646309



7895662



10009088



3160832



# Inverse Universe

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



11838967



11311615



14460407



7368314



2228410



720955



# Previews

## White Background



This preview shows how the Decimal color 15267749 looks on a white background.

## Color Contrast Check

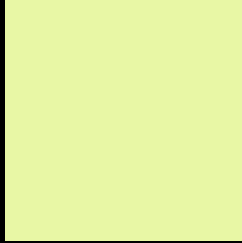
Large Text (above 18pt) WCAG AA × Fail

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 15267749 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

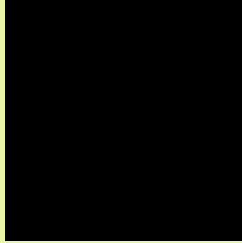
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15267749 Background



This preview shows how black text looks on a background with the Decimal color 15267749.

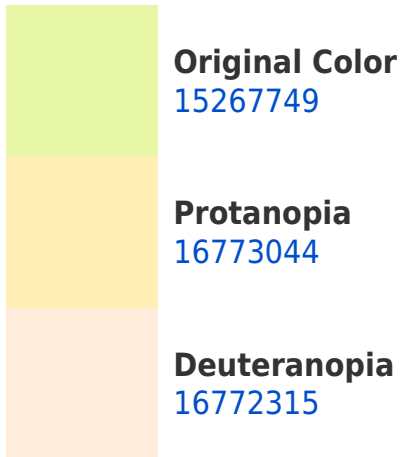



This preview shows how white text looks on a background with the Decimal color 15267749.

# 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





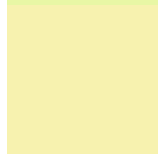
**Tritanopia**  
16051454

# Trichromacy



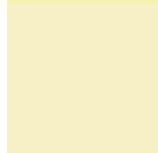
**Original Color**

15267749



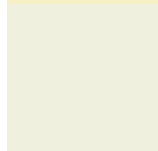
**Protanomaly**

16249519



**Deuteranomaly**

16249031



**Tritanomaly**

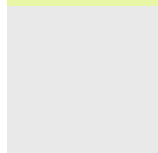
15790302

# Monochromacy



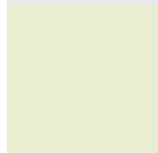
**Original Color**

15267749



**Achromatopsia**

15329769



**Achromatomaly**

15331024

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15267749 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 #E8F7A5 looks like.

```
.text, #text, p{  
  color:#E8F7A5  
}
```

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 #E8F7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8F7A5  
}
```

## Border

The CSS property to change the border of an element to Decimal 15267749 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  
#E8F7A5 }
```

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

```
.border{ border-color:#E8F7A5 }
```

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

Here you see how a box with a 4 pixel #E8F7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8F7A5; -webkit-box-shadow:4px 4px  
4px 4px #E8F7A5; box-shadow:4px 4px 4px  
4px #E8F7A5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15267749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8F7A5 }
```

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

```
.background{ background-color:#E8F7A5 }
```

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