

# Converting Colors

Decimal(15007692)

Have a look what the booklet for  
Decimal(15007692) contains.

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# **Color**

**Decimal(15007692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4FFCC
RGB	228, 255, 204
RGB Percent	89%, 100%, 80%
CMY	0.1059, 0.0000, 0.2000
CMYK	0.11, 0.00, 0.20, 0.00
HSL	92°, 100%, 90%
HSV	92°, 20%, 100%
XYZ	78.6540, 92.3736, 70.8111
YIQ	241.1130, 0.2790, -21.5850

# Conversions

## Conversions Part 2

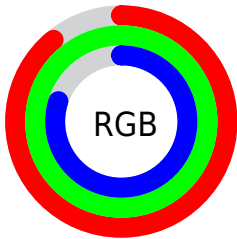
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 255, 231
Decimal	15007692
CIELab	96.97, -17.53, 21.50
CIELCh	97, 27.742, 129.187
Yxy	92.3736, 0.3252, 0.3820
Android (android.graphics.Color)	4293197772 (0xFFE4FFCC)
YUV	241.1130, -18.2967, -11.5001
Hunter-Lab	96.1112, -22.1165, 23.5952

# Details

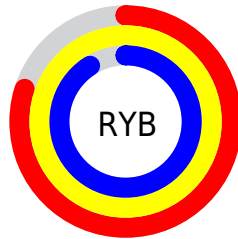
The Decimal color **15007692** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **15191295**, and the grayscale version is **15856113**.

A 20% lighter version of the original color is **16777215**, and **11323030** is the 20% darker color. If you saturate the color by 10%, you get **14155699**, and if you desaturate by 10%, it is **15925222**.

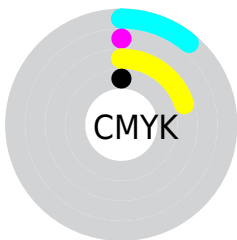
# Distribution



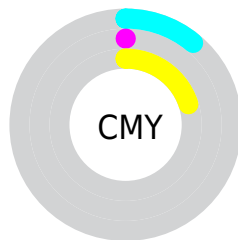
- Red (89%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15007692 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 15007692 by changing the saturation by 10% instead.



15007692

15007692

16777215

13165232

11323030

9546620

7835747

6190922

4611635

3098141

1650694

7168

 15007692

 15007692

 14155699

 15925222

 13238169

16777215

 12386176

 11468646

 10616653

 9699123

 8847129

 7929600

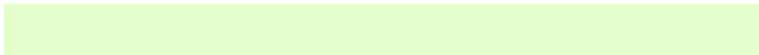
# Harmonies

## Analogous

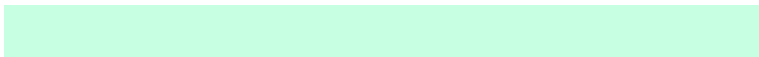
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16775105



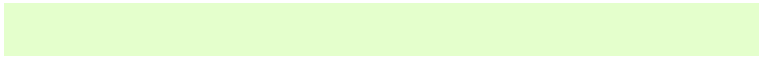
15007692



13041634

# Triad

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



15007692



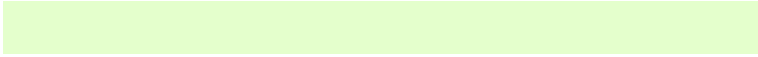
12648191



16770031

# Complementary

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



15007692



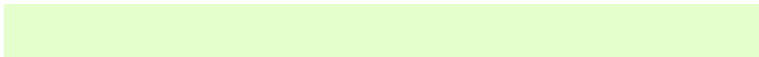
15191295

# Split Complementary

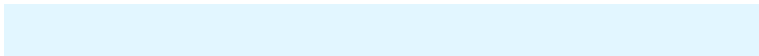
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16770559



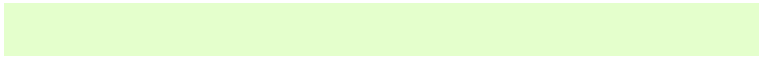
15007692



14874367

# Square

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



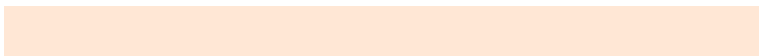
15007692



11403263



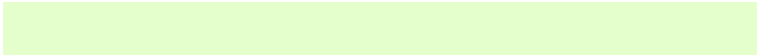
16772607



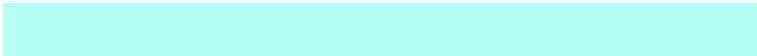
16771029

# Rectangle

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



15007692



11993077



16772607

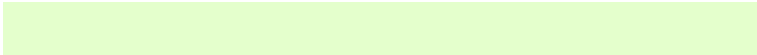


16770040

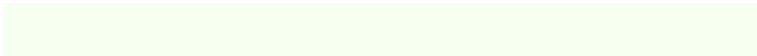


# Sweetspot

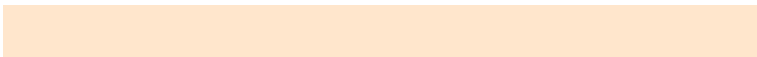
The Sweet Spot groups the original color and five complimentary colors.



15007692



16252912



16770764



8093815



0

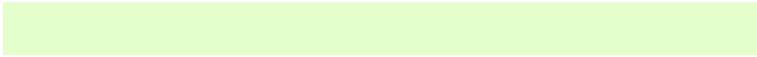


8421504

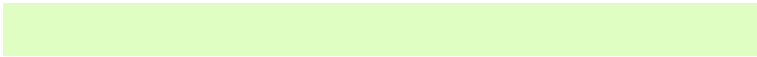


# Same Dimension

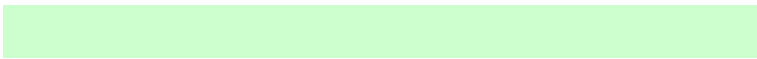
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15007692



14680002



13434829



7962739



5947136



1982464



# Inverse Universe

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



15191295



14861055



16764158



8024960



6619327

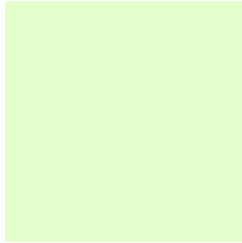


2228288



# Previews

## White Background



This preview shows how the Decimal color 15007692 looks on a white background.

## Color Contrast Check

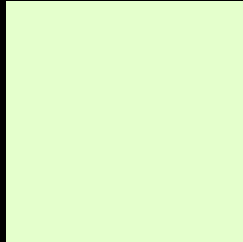
Large Text (above 18pt) WCAG AA × Fail

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 15007692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

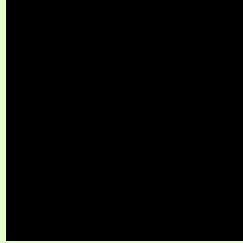
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

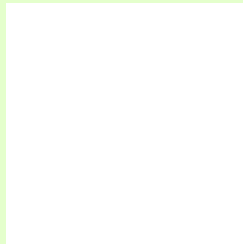
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15007692 Background



This preview shows how black text looks on a background with the Decimal color 15007692.

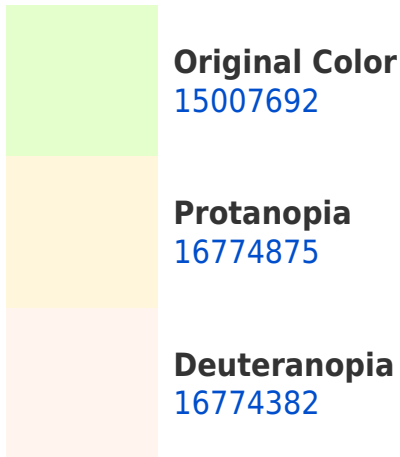


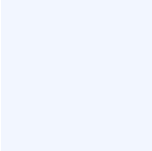
This preview shows how white text looks on a background with the Decimal color 15007692.

# 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



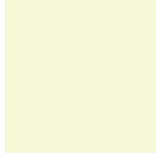


**Tritanopia**  
15922943

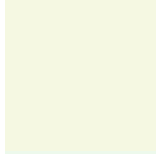
# Trichromacy



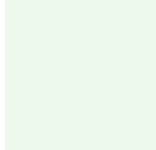
**Original Color**  
15007692



**Protanomaly**  
16120278



**Deuteranomaly**  
16120034

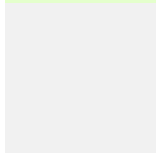


**Tritanomaly**  
15596012

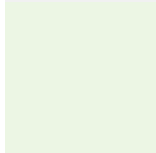
# Monochromacy



**Original Color**  
15007692



**Achromatopsia**  
15856113



**Achromatomaly**  
15529700

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15007692 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 #E4FFCC looks like.

```
.text, #text, p{  
    color:#E4FFCC  
}
```

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 #E4FFCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4FFCC  
}
```

## Border

The CSS property to change the border of an element to Decimal 15007692 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  
#E4FFCC }
```

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

```
.border{ border-color:#E4FFCC }
```

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

Here you see how a box with a 4 pixel #E4FFCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4FFCC; -webkit-box-shadow:4px 4px  
4px 4px #E4FFCC; box-shadow:4px 4px 4px  
4px #E4FFCC }
```

# Background

The CSS property to change the background color of an element to Decimal 15007692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4FFCC }
```

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

```
.background{ background-color:#E4FFCC }
```

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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