

# Converting Colors

Decimal(15003269)

Have a look what the booklet for  
Decimal(15003269) contains.

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# **Color**

**Decimal(15003269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4EE85
RGB	228, 238, 133
RGB Percent	89%, 93%, 52%
CMY	0.1059, 0.0667, 0.4784
CMYK	0.04, 0.00, 0.44, 0.07
HSL	66°, 76%, 73%
HSV	66°, 44%, 93%
XYZ	66.8031, 79.3365, 33.9829
YIQ	223.0400, 27.7450, -34.7750

# Conversions

## Conversions Part 2

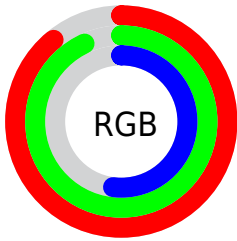
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">133, 238, 143</a>
Decimal	<a href="#">15003269</a>
CIELab	<a href="#">91.39, -18.32, 49.49</a>
CIELCh	<a href="#">91, 52.768, 110.315</a>
Yxy	<a href="#">79.3365, 0.3709, 0.4405</a>
Android (android.graphics.Color)	<a href="#">4293193349 (0xFFE4EE85)</a>
YUV	<a href="#">223.0400, -44.3897, 4.3499</a>
Hunter-Lab	<a href="#">89.0710, -21.9997, 39.7291</a>

# Details

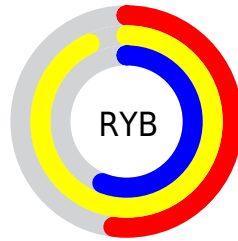
The Decimal color **15003269** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **9405934**, and the grayscale version is **14671839**.

A 20% lighter version of the original color is **16777148**, and **11253329** is the 20% darker color. If you saturate the color by 10%, you get **14872173**, and if you desaturate by 10%, it is **15134365**.

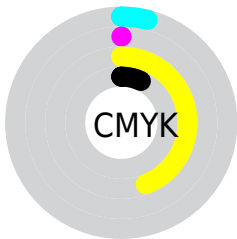
# Distribution



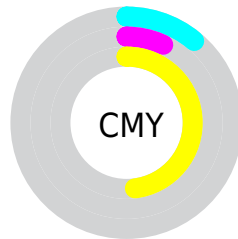
- Red (89%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (56%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15003269 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 15003269 by changing the saturation by 10% instead.



 15003269

 15003269

16777215

 13095531

 16777148

 11253329

 16777176

 9411383

 16777205

 7635227

 5924864

 4214784

 2570496

 861184

 2304

15003269

15003269

14872173

15134365

14675541

15330997

14544446

15462092

14413350

15593188

14282254

15724284

14151168

15920895

16051967

16183039

16314111

# Harmonies

## Analogous

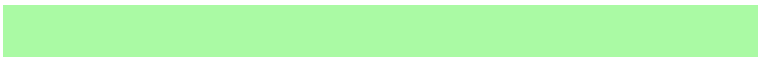
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16768642



15003269



11205284

# Triad

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



15003269



64767



16760825

# Complementary

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



15003269



9405934

# 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.



16764159



15003269



7794943

# Square

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



15003269



65535



13885439



16760774

# Rectangle

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



15003269



8191682



13885439



16761855



# Sweetspot

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



15003269



16580574



15634053



8290411



0



8421504



# Same Dimension

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



15003269



15925112



11660933



7829612



10926080



3356672



# Inverse Universe

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



9405934



8747263



12748270



7171192



1114296

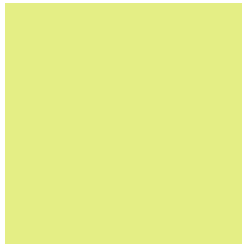


327736



# Previews

## White Background



This preview shows how the Decimal color 15003269 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 15003269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

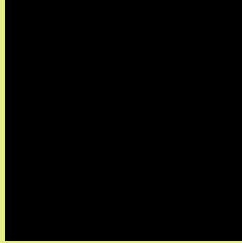
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15003269 Background



This preview shows how black text looks on a background with the Decimal color 15003269.

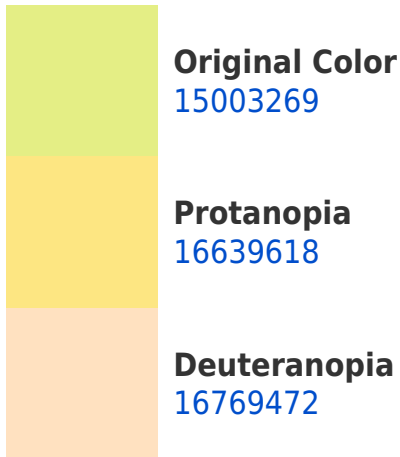


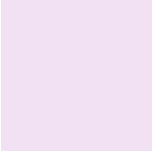
This preview shows how white text looks on a background with the Decimal color 15003269.

# 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](#).

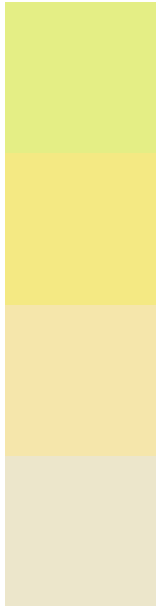
## Dichromacy





**Tritanopia**  
15852019

# Trichromacy



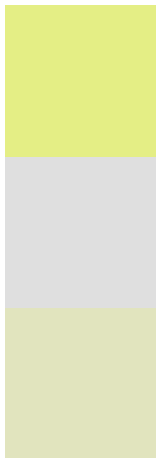
**Original Color**  
15003269

**Protanomaly**  
16050563

**Deuteranomaly**  
16115371

**Tritanomaly**  
15525579

# Monochromacy



**Original Color**  
15003269

**Achromatopsia**  
14671839

**Achromatomaly**  
14804158

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15003269 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 #E4EE85 looks like.

```
.text, #text, p{  
    color:#E4EE85  
}
```

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 #E4EE85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4EE85
}
```

## Border

The CSS property to change the border of an element to Decimal 15003269 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
#E4EE85 }
```

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

```
.border{ border-color:#E4EE85 }
```

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

Here you see how a box with a 4 pixel #E4EE85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4EE85; -webkit-box-shadow:4px 4px  
4px 4px #E4EE85; box-shadow:4px 4px 4px  
4px #E4EE85 }
```

# Background

The CSS property to change the background color of an element to Decimal 15003269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4EE85 }
```

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

```
.background{ background-color:#E4EE85 }
```

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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