

# Converting Colors

Decimal(15066809)

Have a look what the booklet for  
Decimal(15066809) contains.

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# **Color**

**Decimal(15066809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5E6B9
RGB	229, 230, 185
RGB Percent	90%, 90%, 73%
CMY	0.1020, 0.0980, 0.2745
CMYK	0.00, 0.00, 0.20, 0.10
HSL	61°, 47%, 81%
HSV	61°, 20%, 90%
XYZ	69.3669, 76.7544, 57.0580
YIQ	224.5710, 13.8490, -14.2070

# Conversions

## Conversions Part 2

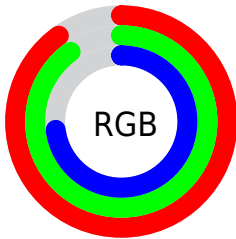
Format	Color
<a href="#">RYB</a>	<a href="#">185, 230, 186</a>
Decimal	<a href="#">15066809</a>
CIELab	<a href="#">90.21, -7.63, 21.87</a>
CIELCh	<a href="#">90, 23.166, 109.222</a>
Yxy	<a href="#">76.7544, 0.3414, 0.3778</a>
Android (android.graphics.Color)	<a href="#">4293256889</a> ( <a href="#">0xFFE5E6B9</a> )
YUV	<a href="#">224.5710, -19.5085, 3.8842</a>
Hunter-Lab	<a href="#">87.6096, -11.9854, 22.7126</a>

# Details

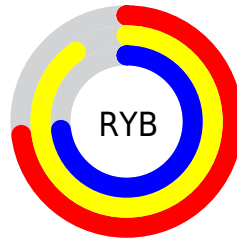
The Decimal color **15066809** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **12237286**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16777201**, and **11382660** is the 20% darker color. If you saturate the color by 10%, you get **15001250**, and if you desaturate by 10%, it is **15132368**.

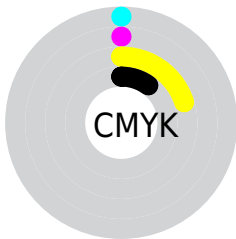
# Distribution



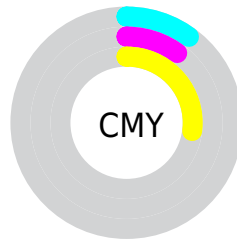
- Red (90%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15066809 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 15066809 by changing the saturation by 10% instead.



 15066809

 15066809

16777215

 13224606

 16777201

 11382660

 9606250

 7895634

 6250811

 4672036

 3158799

 1777152

 256

 15066809

 15066809

 15001250

 15132368


 15001227

 15132391

 14935668

 15197950

 14935645

 15197951

 14870086

 15263487

 14870063

 15329023

 14804504

 15394559

 14804481

 14804480

# Harmonies

## Analogous

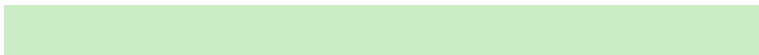
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16572344



15066809



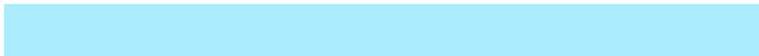
13429958

# Triad

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



15066809



11267583



16766188

# Complementary

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



15066809



12237286

# Split Complementary

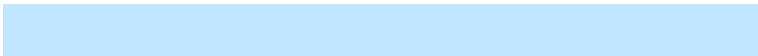
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16308735



15066809



12642303

# Square

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



15066809



11071729



14541055



16766165

# Rectangle

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



15066809



12381907



14541055



16766451



# Sweetspot

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



15066809



16777200



15121081



8355959



0



8421504



# Same Dimension

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



15066809



16711620



13625017



7500647



11514624



3289856



# Inverse Universe

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



12237286



13026559



13679078



6842227



262323



65587



# Previews

## White Background



This preview shows how the Decimal color 15066809 looks on a white background.

## Color Contrast Check

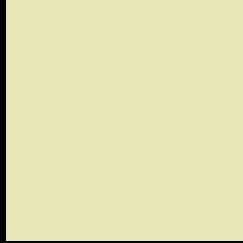
Large Text (above 18pt) WCAG AA × Fail

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 15066809 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

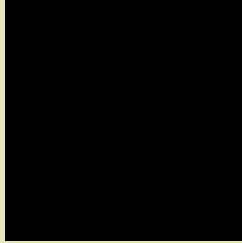
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

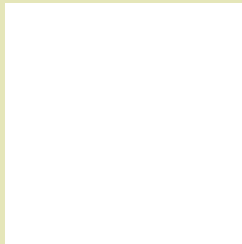
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15066809 Background



This preview shows how black text looks on a background with the Decimal color 15066809.



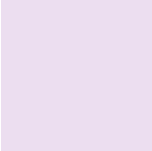
This preview shows how white text looks on a background with the Decimal color 15066809.

# 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](#).

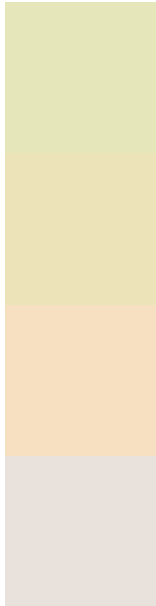
## Dichromacy





**Tritanopia**  
15523568

# Trichromacy



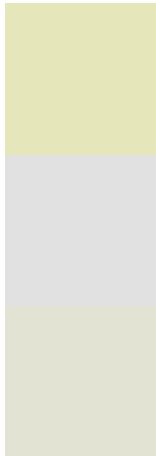
**Original Color**  
15066809

**Protanomaly**  
15590328

**Deuteranomaly**  
16179393

**Tritanomaly**  
15327708

# Monochromacy



**Original Color**  
15066809

**Achromatopsia**  
14803425

**Achromatomaly**  
14869458

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15066809 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 #E5E6B9 looks like.

```
.text, #text, p{  
    color:#E5E6B9  
}
```

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 #E5E6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5E6B9
}
```

## Border

The CSS property to change the border of an element to Decimal 15066809 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
#E5E6B9 }
```

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

```
.border{ border-color:#E5E6B9 }
```

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

Here you see how a box with a 4 pixel #E5E6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5E6B9; -webkit-box-shadow:4px 4px  
4px 4px #E5E6B9; box-shadow:4px 4px 4px  
4px #E5E6B9 }
```

# Background

The CSS property to change the background color of an element to Decimal 15066809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5E6B9 }
```

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

```
.background{ background-color:#E5E6B9 }
```

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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