

# Converting Colors

Decimal(15463835)

Have a look what the booklet for  
Decimal(15463835) contains.

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# **Color**

**Decimal(15463835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBF59B
RGB	235, 245, 155
RGB Percent	92%, 96%, 61%
CMY	0.0784, 0.0392, 0.3922
CMYK	0.04, 0.00, 0.37, 0.04
HSL	67°, 82%, 78%
HSV	67°, 37%, 96%
XYZ	72.8298, 85.3335, 43.6428
YIQ	231.7500, 22.9300, -30.1100

# Conversions

## Conversions Part 2

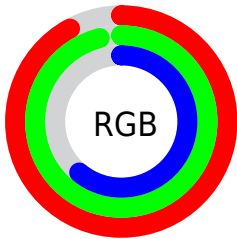
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 245, 165
Decimal	15463835
CIELab	94.03, -16.72, 42.24
CIELCh	94, 45.426, 111.590
Yxy	85.3335, 0.3609, 0.4228
Android (android.graphics.Color)	4293653915 (0xFFEBF59B)
YUV	231.7500, -37.8377, 2.8502
Hunter-Lab	92.3762, -20.9281, 36.6519

# Details

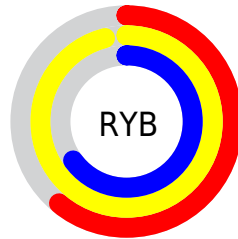
The Decimal color **15463835** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **10853365**, and the grayscale version is **15263976**.

A 20% lighter version of the original color is **16777170**, and **11713894** is the 20% darker color. If you saturate the color by 10%, you get **15267203**, and if you desaturate by 10%, it is **15660467**.

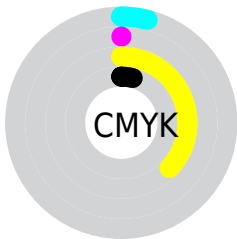
# Distribution



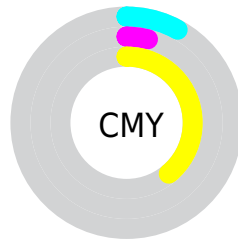
- Red (92%)
- Green (96%)
- Blue (61%)



- Red (61%)
- Yellow (96%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (37%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15463835 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 15463835 by changing the saturation by 10% instead.



 15463835

 15463835

16777215

 13556096

 16777170

 11713894

 16777199


 9871949

 8161332

 6385179

 4740608

 3161856

 1517824

 5632

 15463835

 15463835

 15267203

 15660467

 15136106

 15791564

 14939474

 15988196

 14742841

 16184829

 14546208

 16381439

 14415112

 16512511

 14349568

 16709119

 16774655

# Harmonies

## Analogous

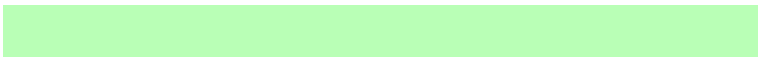
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770967



15463835



12189622

# Triad

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



15463835



5832703



16764412

# Complementary

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



15463835



10853365

# 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.



16766975



15463835



10286847

# Square

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



15463835



5242879



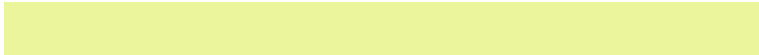
14870527



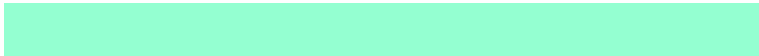
16764624

# Rectangle

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



15463835



9764817



14870527



16765183



# Sweetspot

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



15463835



16580579



16098459



8290415



0



8421504



# Same Dimension

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



15463835



15990671



12580251



7961198



10861056



3422976



# Inverse Universe

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



10853365



10194943



13736949



7368314



1376442

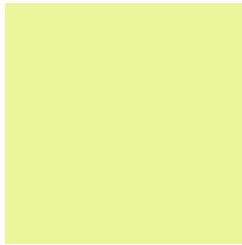


458811



# Previews

## White Background



This preview shows how the Decimal color 15463835 looks on a white background.

## Color Contrast Check

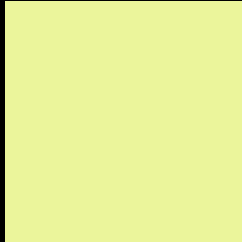
Large Text (above 18pt) WCAG AA × Fail

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 15463835 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

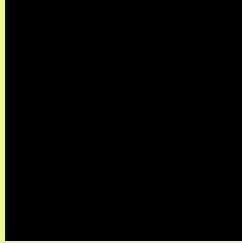
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

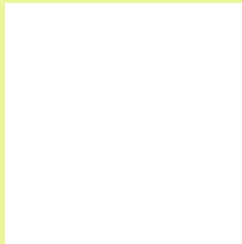
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15463835 Background



This preview shows how black text looks on a background with the Decimal color 15463835.



This preview shows how white text looks on a background with the Decimal color 15463835.

# 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](#).

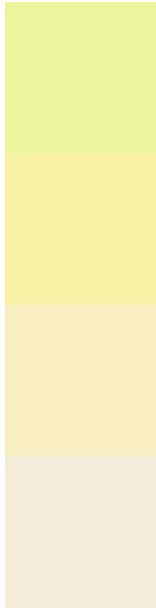
## Dichromacy





**Tritanopia**  
16247292

# Trichromacy



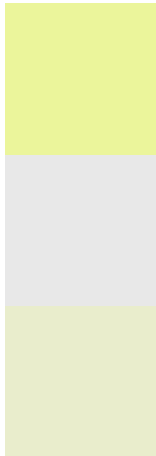
**Original Color**  
15463835

**Protanomaly**  
16314789

**Deuteranomaly**  
16314049

**Tritanomaly**  
15986137

# Monochromacy



**Original Color**  
15463835

**Achromatopsia**  
15263976

**Achromatomaly**  
15330764

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15463835 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 #EBF59B looks like.

```
.text, #text, p{  
    color:#EBF59B  
}
```

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 #EBF59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBF59B
}
```

## Border

The CSS property to change the border of an element to Decimal 15463835 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
#EBF59B }
```

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

```
.border{ border-color:#EBF59B }
```

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

Here you see how a box with a 4 pixel #EBF59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBF59B; -webkit-box-shadow:4px 4px  
4px 4px #EBF59B; box-shadow:4px 4px 4px  
4px #EBF59B }
```

# Background

The CSS property to change the background color of an element to Decimal 15463835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBF59B }
```

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

```
.background{ background-color:#EBF59B }
```

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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