

# Converting Colors

Decimal(15646438)

Have a look what the booklet for  
Decimal(15646438) contains.

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# **Color**

**Decimal(15646438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEBEE6
RGB	238, 190, 230
RGB Percent	93%, 75%, 90%
CMY	0.0667, 0.2549, 0.0980
CMYK	0.00, 0.20, 0.03, 0.07
HSL	310°, 59%, 84%
HSV	310°, 20%, 93%
XYZ	67.9563, 60.7172, 83.0008
YIQ	208.9120, 15.7680, 22.6160

# Conversions

## Conversions Part 2

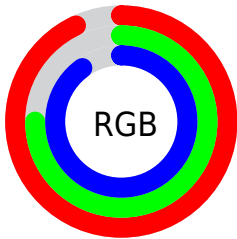
Format	Color
R <sub>Y</sub> B	238, 190, 230
Decimal	15646438
CIE <sub>Lab</sub>	82.23, 23.71, -13.34
CIE <sub>LCh</sub>	82, 27.203, 330.625
Yxy	60.7172, 0.3210, 0.2868
Android (android.graphics.Color)	4293836518 (0xFFEEBEE6)
YUV	208.9120, 10.3964, 25.5102
Hunter-Lab	77.9213, 19.3103, -8.6101

# Details

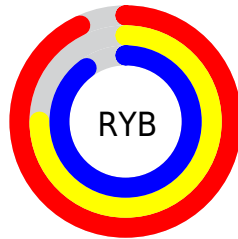
The Decimal color **15646438** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **12512966**, and the grayscale version is **13750737**.

A 20% lighter version of the original color is **16775167**, and **11962542** is the 20% darker color. If you saturate the color by 10%, you get **15640290**, and if you desaturate by 10%, it is **15652586**.

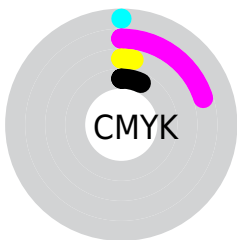
# Distribution



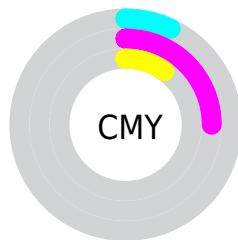
- Red (93%)
- Green (75%)
- Blue (90%)



- Red (93%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15646438 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 15646438 by changing the saturation by 10% instead.



 15646438

 15646438

16777215

 13738954

 16775167

 11962542

 10186644

 8410746

 6766177

 5121865

 3543347

 2293790

 0

 15646438

 15646438

 15640290

 15652586

 15634142

 15658734

 15628250

 15663090

 15622102

 15663094

 15615954

 15663098

 15609806

 15663102

 15603658

 15663103

 15597766

# Harmonies

## Analogous

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



13747960



15646438



16693965

# Triad

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



15646438



14666650



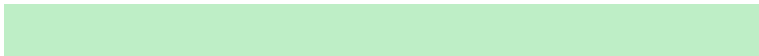
8641254

# Complementary

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



15646438



12512966

# 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.



9296844



15646438



12833696

# Square

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



15646438



16106401



10934451



9492216

# Rectangle

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



15646438



16759740



10934451



8707038



# Sweetspot

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



15646438



16773372



13025006



8419198



0



8421504



# Same Dimension

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



15646438



16761589



15646414



7892086



12058777



3670063



# Inverse Universe

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



15646438



16761589



12512990



7892086



12058777

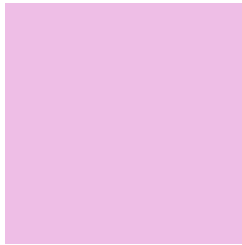


3670063



# Previews

## White Background



This preview shows how the Decimal color 15646438 looks on a white background.

## Color Contrast Check

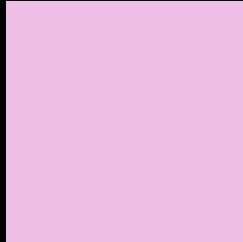
Large Text (above 18pt) WCAG AA × Fail

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 15646438 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 15646438 Background



This preview shows how black text looks on a background with the Decimal color 15646438.




This preview shows how white text looks on a background with the Decimal color 15646438.

# 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



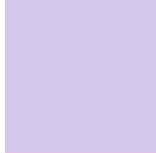


**Tritanopia**  
15450833

# Trichromacy



**Original Color**  
15646438



**Protanomaly**  
14010092



**Deuteranomaly**  
14664933

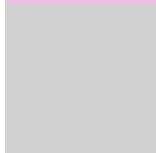


**Tritanomaly**  
15516121

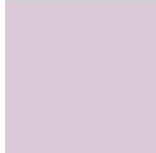
# Monochromacy



**Original Color**  
15646438



**Achromatopsia**  
13750737



**Achromatomaly**  
14469849

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15646438 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 #EEBEE6 looks like.

```
.text, #text, p{  
  color:#EEBEE6  
}
```

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 #EEBEE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEBEE6 } }
```

## Border

The CSS property to change the border of an element to Decimal 15646438 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 #EEBEE6 } }
```

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

```
.border{ border-color:#EEBEE6 }
```

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

Here you see how a box with a 4 pixel #EEBEE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEBEE6; -webkit-box-shadow:4px 4px  
4px 4px #EEBEE6; box-shadow:4px 4px 4px  
4px #EEBEE6 }
```

# Background

The CSS property to change the background color of an element to Decimal 15646438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEBEE6 }
```

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

```
.background{ background-color:#EEBEE6 }
```

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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