

# Converting Colors

Decimal(15065073)

Have a look what the booklet for  
Decimal(15065073) contains.

<b>Decimal(15065073)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15065073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5DFF1
RGB	229, 223, 241
RGB Percent	90%, 87%, 95%
CMY	0.1020, 0.1255, 0.0549
CMYK	0.05, 0.07, 0.00, 0.05
HSL	260°, 39%, 91%
HSV	260°, 7%, 95%
XYZ	74.5780, 75.7842, 93.9162
YIQ	226.8460, -2.2020, 6.8700

# Conversions

## Conversions Part 2

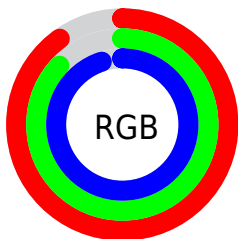
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 223, 241
Decimal	15065073
CIE Lab	89.76, 5.31, -8.04
CIE LCh	90, 9.634, 303.458
Yxy	75.7842, 0.3053, 0.3102
Android (android.graphics.Color)	4293255153 (0xFFE5DFF1)
YUV	226.8460, 6.9779, 1.8891
Hunter-Lab	87.0541, 0.5735, -3.0257

# Details

The Decimal color **15065073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **15462879**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777215**, and **11446457** is the 20% darker color. If you saturate the color by 10%, you get **14010353**, and if you desaturate by 10%, it is **16119793**.

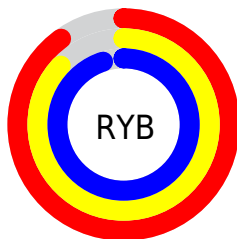
# Distribution



Red (90%)

Green (87%)

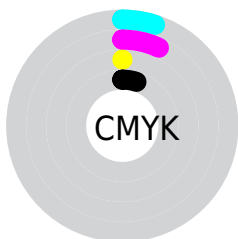
Blue (95%)



Red (90%)

Yellow (87%)

Blue (95%)

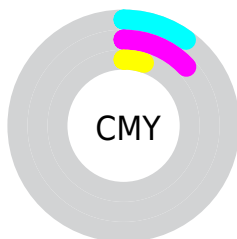


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (13%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15065073 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 15065073 by changing the saturation by 10% instead.



■ 15065073

16777215

■ 15065073

■ 13222869

■ 11446457

■ 9670046

■ 7959684

■ 6314859

■ 4801619

■ 3288635

■ 1906982

■ 131089

15065073

15065073

14010353

16119793

12955633

16777201

11900913

10846193

9791217

8736497

7681777

6561521

5506801

# Harmonies

## Analogous

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



14344948



15065073



15719914

# Triad

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



15065073



15851217



13494242

# Complementary

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



15065073



15462879

# Split Complementary

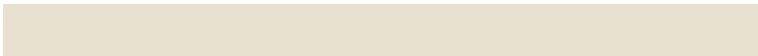
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13952729



15065073



15262159

# Square

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



15065073



16178392



14607570



13363179

# Rectangle

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



15065073



16047332



14607570



13625311



# Sweetspot

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



15065073



16579327



14674929



8289664



0



8421504



# Same Dimension

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



15065073



15788287



15654897



7367800



3997880



1245240



# Inverse Universe

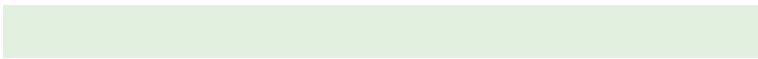
The Inverse Universe completely reimagines the original color for something new.



15851499



16771319



14873055



7892084



12058746

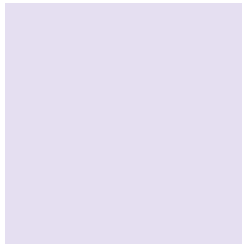


3670053



# Previews

## White Background



This preview shows how the Decimal color 15065073 looks on a white background.

## Color Contrast Check

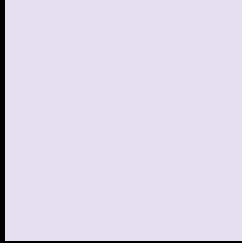
Large Text (above 18pt) WCAG AA × Fail

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 15065073 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

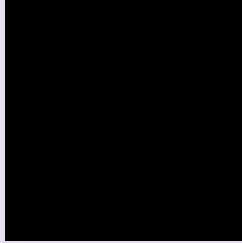
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

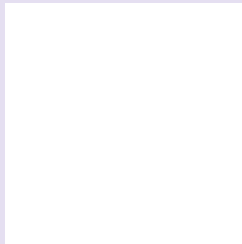
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 15065073 Background



This preview shows how black text looks on a background with the Decimal color 15065073.

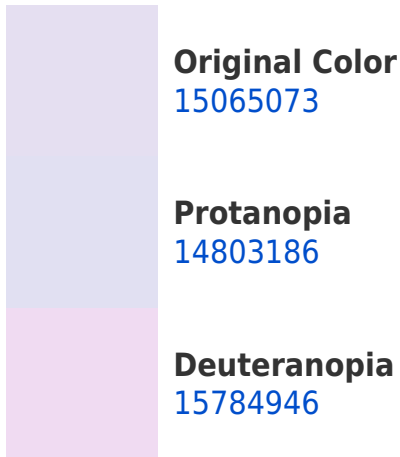


This preview shows how white text looks on a background with the Decimal color 15065073.

# 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](#).

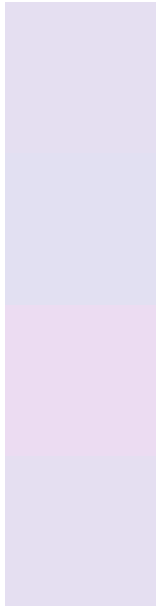
## Dichromacy





**Tritanopia**  
15065073

# Trichromacy



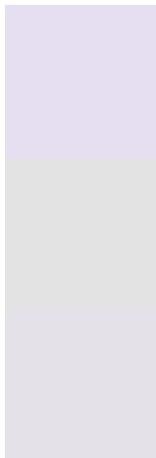
**Original Color**  
15065073

**Protanomaly**  
14868722

**Deuteranomaly**  
15523058

**Tritanomaly**  
15065073

# Monochromacy



**Original Color**  
15065073

**Achromatopsia**  
14935011

**Achromatomaly**  
15000296

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15065073 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 #E5DFF1 looks like.

```
.text, #text, p{  
    color:#E5DFF1  
}
```

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 #E5DFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5DFF1
}
```

## Border

The CSS property to change the border of an element to Decimal 15065073 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
#E5DFF1 }
```

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

```
.border{ border-color:#E5DFF1 }
```

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

Here you see how a box with a 4 pixel #E5DFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5DFF1; -webkit-box-shadow:4px 4px  
4px 4px #E5DFF1; box-shadow:4px 4px 4px  
4px #E5DFF1 }
```

# Background

The CSS property to change the background color of an element to Decimal 15065073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5DFF1 }
```

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

```
.background{ background-color:#E5DFF1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor