

# Converting Colors

Decimal(15173109)

Have a look what the booklet for  
Decimal(15173109) contains.

<b>Decimal(15173109)</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(15173109)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E785F5
RGB	231, 133, 245
RGB Percent	91%, 52%, 96%
CMY	0.0941, 0.4784, 0.0392
CMYK	0.06, 0.46, 0.00, 0.04
HSL	292°, 85%, 74%
HSV	292°, 46%, 96%
XYZ	57.8240, 40.3566, 91.1281
YIQ	175.0700, 22.4560, 55.6080

# Conversions

## Conversions Part 2

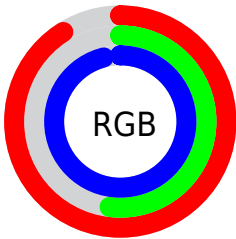
Format	Color
R <sub>Y</sub> B	231, 133, 245
Decimal	15173109
CIE Lab	69.72, 54.17, -40.68
CIE LCh	70, 67.748, 323.097
Yxy	40.3566, 0.3054, 0.2132
Android (android.graphics.Color)	4293363189 (0xFFE785F5)
YUV	175.0700, 34.4755, 49.0506
Hunter-Lab	63.5268, 51.3040, -40.5817

# Details

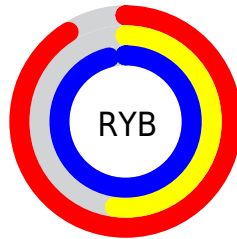
The Decimal color **15173109** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9696645**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **16760319**, and **11358140** is the 20% darker color. If you saturate the color by 10%, you get **14970357**, and if you desaturate by 10%, it is **15375861**.

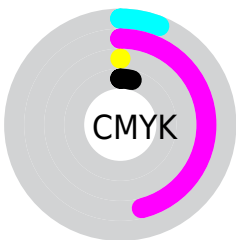
# Distribution



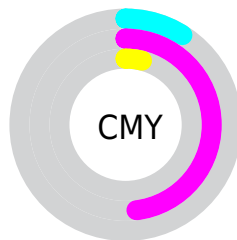
- Red (91%)
- Green (52%)
- Blue (96%)



- Red (91%)
- Yellow (52%)
- Blue (96%)



- Cyan (6%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)




- Cyan (9%)
- Magenta (48%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15173109 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 15173109 by changing the saturation by 10% instead.



 15173109

 15173109

16777215

 13265624

 16760319

 11358140

 16767487

 9516193

 16774911

 7738758


 5963885


 4259924

 2752572

 37

 270

 15173109

 15173109

 14970357

 15375861

 14767349

 15578869

 14564341

 15781877

 14361589

 15984629

 14158581

 16187381

 14024949

 16383989

 16580597

 16777205

# Harmonies

## Analogous

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



9543935



15173109



16740795

# Triad

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



15173109



14066210



51161

# Complementary

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



15173109



9696645

# 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.



51098



15173109



10269995

# Square

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



15173109



16747080



4899164



49919

# Rectangle

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



15173109



16740498



4899164



51396



# Sweetspot

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



15173109



16505855



8754421



8219264



0



8421504



# Same Dimension

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



15173109



15561727



16090572



7958138



10682554



3342395



# Inverse Universe

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



16090515



16741252



8779182



8023664



12189719



3866631



# Previews

## White Background



This preview shows how the Decimal color 15173109 looks on a white background.

## Color Contrast Check

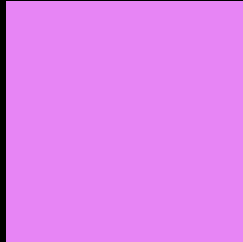
Large Text (above 18pt) WCAG AA × Fail

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 15173109 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

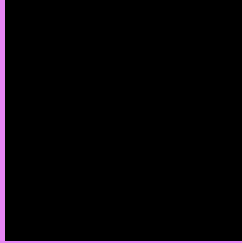
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 15173109 Background



This preview shows how black text looks on a background with the Decimal color 15173109.




This preview shows how white text looks on a background with the Decimal color 15173109.

# 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](#).

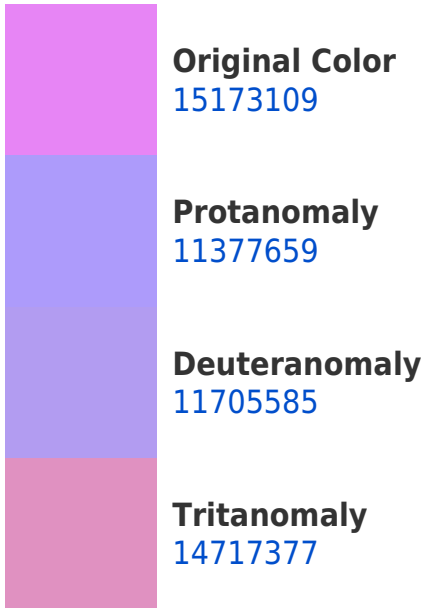
## Dichromacy





**Tritanopia**  
14456995

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15173109 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 #E785F5 looks like.

```
.text, #text, p{  
    color:#E785F5  
}
```

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 #E785F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E785F5
}
```

## Border

The CSS property to change the border of an element to Decimal 15173109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

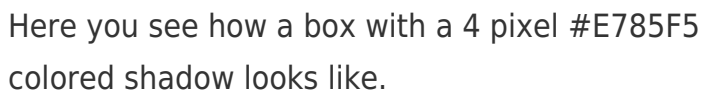
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E785F5 }
```

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

```
.border{ border-color:#E785F5 }
```

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



Here you see how a box with a 4 pixel `#E785F5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E785F5; -webkit-box-shadow:4px 4px  
4px 4px #E785F5; box-shadow:4px 4px 4px  
4px #E785F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 15173109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E785F5 }
```

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

```
.background{ background-color:#E785F5 }
```

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