

# Converting Colors

Decimal(14517989)

Have a look what the booklet for  
Decimal(14517989) contains.

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**Color**

**Decimal(14517989)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD86E5
RGB	221, 134, 229
RGB Percent	87%, 53%, 90%
CMY	0.1333, 0.4745, 0.1020
CMYK	0.03, 0.41, 0.00, 0.10
HSL	295°, 65%, 71%
HSV	295°, 41%, 90%
XYZ	52.4867, 38.0795, 78.7125
YIQ	170.8430, 21.3570, 47.9890

# Conversions

## Conversions Part 2

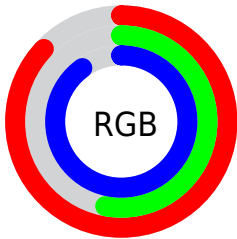
Format	Color
R <sub>Y</sub> B	221, 134, 229
Decimal	14517989
CIE Lab	68.08, 47.80, -34.53
CIE LCh	68, 58.970, 324.154
Yxy	38.0795, 0.3101, 0.2250
Android (android.graphics.Color)	4292708069 (0xFFDD86E5)
YUV	170.8430, 28.6714, 43.9877
Hunter-Lab	61.7086, 43.8346, -32.4314

# Details

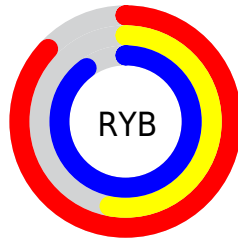
The Decimal color **14517989** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **9364870**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **16760319**, and **10768813** is the 20% darker color. If you saturate the color by 10%, you get **14381029**, and if you desaturate by 10%, it is **14654949**.

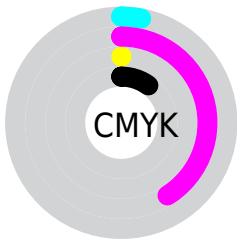
# Distribution



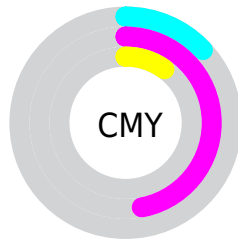
- Red (87%)
- Green (53%)
- Blue (90%)



- Red (87%)
- Yellow (53%)
- Blue (90%)



- Cyan (3%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)

















- Cyan (13%)
- Magenta (47%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14517989 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 14517989 by changing the saturation by 10% instead.



 14517989	 14517989
16777215	 12610505
 16760319	 10768813
 16767487	 8992658
 16774911	 7216248
	 5505119
	 3801159
	 2359344
	 282
	 0

 14517989

 14517989

 14381029

 14654949

 14244069

 14791909

 14107109

 14928869

 13970149

 15065829

 13833445

 15202789

 13762789

 15335397

 15400933

 15532005

 15663077

# Harmonies

## Analogous

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



9870591



14517989



16742323

# Triad

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



14517989



13410357



49360

# Complementary

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



14517989



9364870

# 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.



49049



14517989



10072126

# Square

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



14517989



15960912



5618277



48123

# Rectangle

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



14517989



16742031



5618277



49342



# Sweetspot

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



14517989



16572671



8818661



8285824



0



8421504



# Same Dimension

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



14517989



16023807



15042239



7497587



10682547



3080243



# Inverse Universe

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



15042190



16744586



8840620



7563112



11730959



3342340



# Previews

## White Background



This preview shows how the Decimal color 14517989 looks on a white background.

## Color Contrast Check

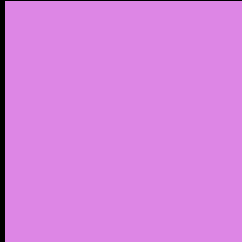
Large Text (above 18pt) WCAG AA × Fail

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 14517989 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 14517989 Background



This preview shows how black text looks on a background with the Decimal color 14517989.




This preview shows how white text looks on a background with the Decimal color 14517989.

# 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**  
13931936

# Trichromacy



**Original Color**  
14517989



**Protanomaly**  
10918132



**Deuteranomaly**  
11573729



**Tritanomaly**  
14127289

# Monochromacy



**Original Color**  
14517989



**Achromatopsia**  
11250603



**Achromatomaly**  
12426944

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14517989 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 #DD86E5 looks like.

```
.text, #text, p{  
    color:#DD86E5  
}
```

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 #DD86E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD86E5
}
```

## Border

The CSS property to change the border of an element to Decimal 14517989 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
#DD86E5 }
```

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

```
.border{ border-color:#DD86E5 }
```

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

Here you see how a box with a 4 pixel #DD86E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD86E5; -webkit-box-shadow:4px 4px  
4px 4px #DD86E5; box-shadow:4px 4px 4px  
4px #DD86E5 }
```

# Background

The CSS property to change the background color of an element to Decimal 14517989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD86E5 }
```

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

```
.background{ background-color:#DD86E5 }
```

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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