

# Converting Colors

Decimal(14519020)

Have a look what the booklet for  
Decimal(14519020) contains.

<b>Decimal(14519020)</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(14519020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD8AEC
RGB	221, 138, 236
RGB Percent	87%, 54%, 93%
CMY	0.1333, 0.4588, 0.0745
CMYK	0.06, 0.42, 0.00, 0.07
HSL	291°, 72%, 73%
HSV	291°, 42%, 93%
XYZ	54.0476, 39.6052, 84.1528
YIQ	173.9890, 18.0100, 48.0740

# Conversions

## Conversions Part 2

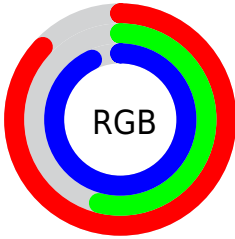
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 138, 236
Decimal	14519020
CIE Lab	69.19, 47.05, -36.67
CIE LCh	69, 59.650, 322.071
Yxy	39.6052, 0.3040, 0.2227
Android (android.graphics.Color)	4292709100 (0xFFDD8AEC)
YUV	173.9890, 30.5714, 41.2286
Hunter-Lab	62.9327, 43.1664, -35.2290

# Details

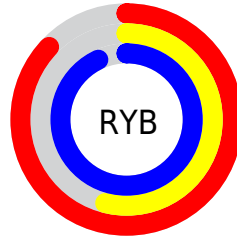
The Decimal color **14519020** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **10087562**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16761343**, and **10769844** is the 20% darker color. If you saturate the color by 10%, you get **14250732**, and if you desaturate by 10%, it is **14787308**.

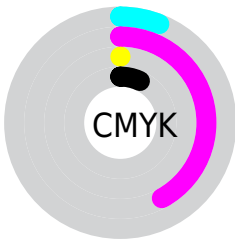
# Distribution



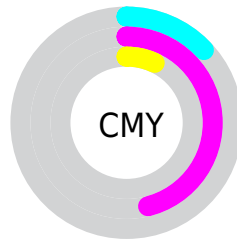
- Red (87%)
- Green (54%)
- Blue (93%)



- Red (87%)
- Yellow (54%)
- Blue (93%)



- Cyan (6%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (46%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14519020 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 14519020 by changing the saturation by 10% instead.



 14519020

 14519020

16777215

 12611536


 16761343

 10769844


 16768767

 8993945

 16776191

 7217534

 5505125

 3801165

 2424886

 287

 2

14519020

14519020

14250732

14787308

14048236

14989804

13779948

15258092

13577452

15460588

13309164

15728620

13107436

15990764

16187372

16449516

16711660

# Harmonies

## Analogous

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



9609471



14519020



16743098

# Triad

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



14519020



13869368



50128

# Complementary

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



14519020



10087562

# 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.



49816



14519020



10465853

# Square

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



14519020



16354389



6143331



49149

# Rectangle

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



14519020



16742549



6143331



50110



# Sweetspot

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



14519020



16441599



9083628



8220288



0



8421504



# Same Dimension

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



14519020



15433983



15502027



7629429



10027189



2949174



# Inverse Universe

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



15501977



16744595



9104555



7694955



11862044

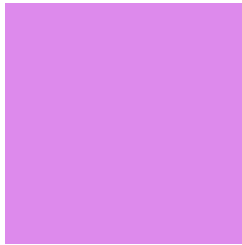


3538952



# Previews

## White Background



This preview shows how the Decimal color 14519020 looks on a white background.

## Color Contrast Check

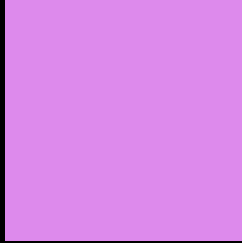
Large Text (above 18pt) WCAG AA × Fail

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 14519020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

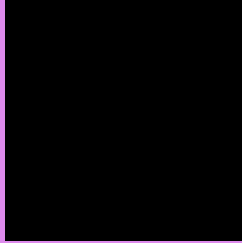
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14519020 Background



This preview shows how black text looks on a background with the Decimal color 14519020.




This preview shows how white text looks on a background with the Decimal color 14519020.

# 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**  
13867429

# Trichromacy



**Original Color**  
14519020



**Protanomaly**  
11050232



**Deuteranomaly**  
11574505

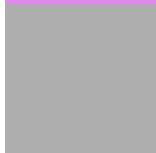


**Tritanomaly**  
14128319

# Monochromacy



**Original Color**  
14519020



**Achromatopsia**  
11447982



**Achromatomaly**  
12558789

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14519020 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 #DD8AEC looks like.

```
.text, #text, p{  
    color:#DD8AEC  
}
```

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 #DD8AEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD8AEC
}
```

## Border

The CSS property to change the border of an element to Decimal 14519020 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
#DD8AEC }
```

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

```
.border{ border-color:#DD8AEC }
```

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

Here you see how a box with a 4 pixel #DD8AEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD8AEC; -webkit-box-shadow:4px 4px  
4px 4px #DD8AEC; box-shadow:4px 4px 4px  
4px #DD8AEC }
```

# Background

The CSS property to change the background color of an element to Decimal 14519020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD8AEC }
```

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

```
.background{ background-color:#DD8AEC }
```

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