

# Converting Colors

Decimal(14134011)

Have a look what the booklet for  
Decimal(14134011) contains.

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# **Color**

**Decimal(14134011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7AAFB
RGB	215, 170, 251
RGB Percent	84%, 67%, 98%
CMY	0.1569, 0.3333, 0.0157
CMYK	0.14, 0.32, 0.00, 0.02
HSL	273°, 91%, 83%
HSV	273°, 32%, 98%
XYZ	59.8116, 50.1616, 97.7965
YIQ	192.6890, 0.8190, 34.7310

# Conversions

## Conversions Part 2

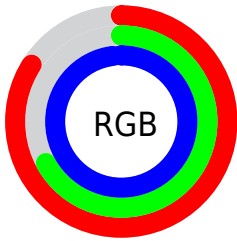
Format	Color
R <sub>Y</sub> B	215, 170, 251
Decimal	14134011
CIE Lab	76.17, 31.19, -34.06
CIE LCh	76, 46.182, 312.486
Yxy	50.1616, 0.2879, 0.2414
Android (android.graphics.Color)	4292324091 (0xFFD7AAFB)
YUV	192.6890, 28.7473, 19.5667
Hunter-Lab	70.8248, 26.8000, -32.2916

# Details

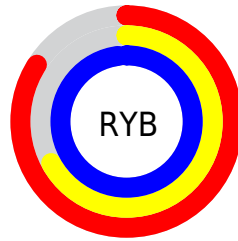
The Decimal color **14134011** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **13564842**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **16769791**, and **10450370** is the 20% darker color. If you saturate the color by 10%, you get **13406715**, and if you desaturate by 10%, it is **14861307**.

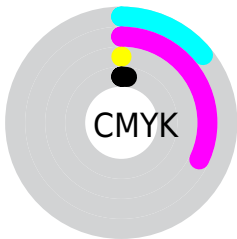
# Distribution



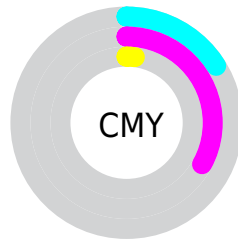
- Red (84%)
- Green (67%)
- Blue (98%)



- Red (84%)
- Yellow (67%)
- Blue (98%)



- Cyan (14%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (33%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14134011 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 14134011 by changing the saturation by 10% instead.



 14134011

 14134011

16777215

 12292062

 16769791

 10450370

16776959

 8674471

 6964364

 5320050

 3675737

 2031682

 65579

 277

 14134011

 14134011

 13406715


 14861307

 12679419

 15588603

 11952123


 16315899

 11159291

 16777211

 10431995

 9704443

 9109755

# Harmonies

## Analogous

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



10074879



14134011



16752087

# Triad

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



14134011



15511914



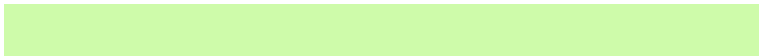
53965

# Complementary

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



14134011



13564842

# 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.



6082721



14134011



12959591

# Square

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



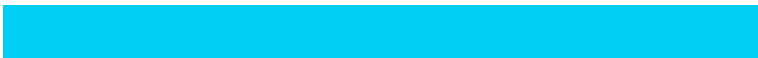
14134011



16753284



9882235



53236

# Rectangle

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



14134011



16751034



9882235



2020030



# Sweetspot

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



14134011



16049919



11194107



7958656



0



8421504



# Same Dimension

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



14134011



13868287



16493303



7827581



6881469



2228285



# Inverse Universe

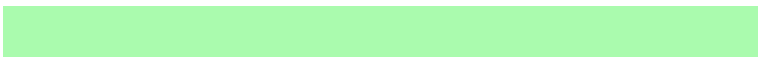
The Inverse Universe completely reimagines the original color for something new.



16493262



16751816



11205550



8220790



12386388

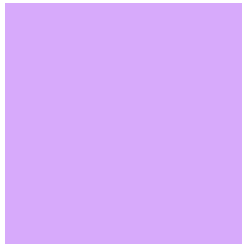


3997723



# Previews

## White Background



This preview shows how the Decimal color 14134011 looks on a white background.

## Color Contrast Check

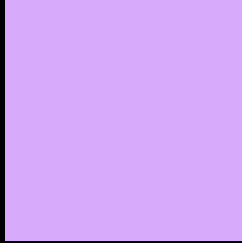
Large Text (above 18pt) WCAG AA × Fail

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 14134011 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

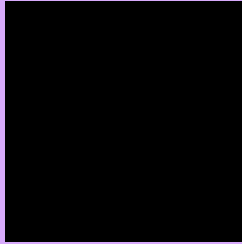
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 14134011 Background



This preview shows how black text looks on a background with the Decimal color 14134011.




This preview shows how white text looks on a background with the Decimal color 14134011.

# 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**  
13546947

# Trichromacy



**Original Color**  
14134011



**Protanomaly**  
12104958



**Deuteranomaly**  
12367097



**Tritanomaly**  
13742551

# Monochromacy



**Original Color**  
14134011



**Achromatopsia**  
12698049



**Achromatomaly**  
13220310

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14134011 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 #D7AAFB looks like.

```
.text, #text, p{  
    color:#D7AAFB  
}
```

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 #D7AAFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7AAFB
}
```

## Border

The CSS property to change the border of an element to Decimal 14134011 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
#D7AAFB }
```

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

```
.border{ border-color:#D7AAFB }
```

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

Here you see how a box with a 4 pixel #D7AAFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7AAFB; -webkit-box-shadow:4px 4px  
4px 4px #D7AAFB; box-shadow:4px 4px 4px  
4px #D7AAFB }
```

# Background

The CSS property to change the background color of an element to Decimal 14134011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7AAFB }
```

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

```
.background{ background-color:#D7AAFB }
```

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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