

# Converting Colors

Decimal(13737961)

Have a look what the booklet for  
Decimal(13737961) contains.

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# Color

**Decimal(13737961)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D19FE9
RGB	209, 159, 233
RGB Percent	82%, 62%, 91%
CMY	0.1804, 0.3765, 0.0863
CMYK	0.10, 0.32, 0.00, 0.09
HSL	281°, 63%, 77%
HSV	281°, 32%, 91%
XYZ	53.4006, 44.2348, 82.8144
YIQ	182.3860, 6.0460, 33.6140

# Conversions

## Conversions Part 2

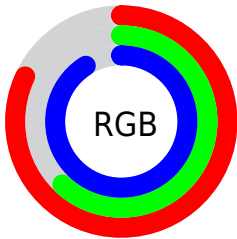
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 159, 233
Decimal	13737961
CIE <sub>Lab</sub>	72.39, 31.61, -30.17
CIE <sub>LCh</sub>	72, 43.698, 316.329
Yxy	44.2348, 0.2959, 0.2451
Android (android.graphics.Color)	4291928041 (0xFFD19FE9)
YUV	182.3860, 24.9527, 23.3405
Hunter-Lab	66.5092, 26.9274, -27.2689

# Details

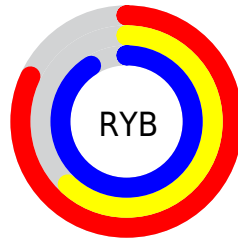
The Decimal color **13737961** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **12052895**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **16766719**, and **10120113** is the 20% darker color. If you saturate the color by 10%, you get **13207785**, and if you desaturate by 10%, it is **14268137**.

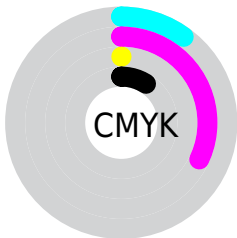
# Distribution



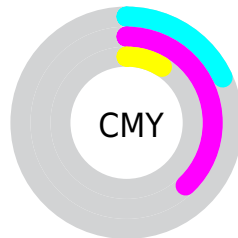
- Red (82%)
- Green (62%)
- Blue (91%)



- Red (82%)
- Yellow (62%)
- Blue (91%)



- Cyan (10%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (38%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13737961 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 13737961 by changing the saturation by 10% instead.



 13737961

 13737961

16777215

 11896269

 16766719

 10120113

 16774143

 8344214

 6634108

 4989795

 3410763

 2031668

 542

 0

 13737961

 13737961

 13207785

 14268137

 12742889

 14733033

 12212713

 15263209

 11748073

 15727849

 11217641

 16252905

 10753001

 16711657

 10289385

 16777193

# Harmonies

## Analogous

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



10071806



13737961



15963334

# Triad

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



13737961



14395748



50887

# Complementary

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



13737961



12052895

# 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.



5359005



13737961



11908707

# Square

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



13737961



16096121



8962169



50154

# Rectangle

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



13737961



16617898



8962169



903097



# Sweetspot

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



13737961



16246527



10467561



8089728



0



8421504



# Same Dimension

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



13737961



14720767



15310813



7432821



7995573



2359350



# Inverse Universe

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



15310775



16752318



10480043



7694957



11862075

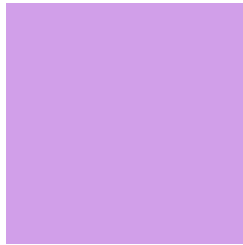


3538961



# Previews

## White Background



This preview shows how the Decimal color 13737961 looks on a white background.

## Color Contrast Check

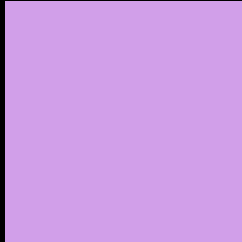
Large Text (above 18pt) WCAG AA × Fail

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 13737961 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 13737961 Background



This preview shows how black text looks on a background with the Decimal color 13737961.

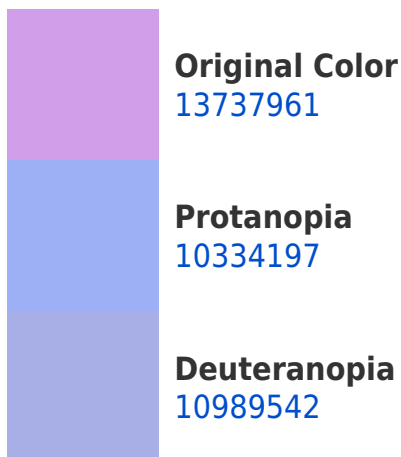



This preview shows how white text looks on a background with the Decimal color 13737961.

# 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**  
13216182

# Trichromacy



**Original Color**  
13737961



**Protanomaly**  
11577841



**Deuteranomaly**  
11971047



**Tritanomaly**  
13411785

# Monochromacy



**Original Color**  
13737961



**Achromatopsia**  
11974326



**Achromatomaly**  
12627657

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13737961 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 #D19FE9 looks like.

```
.text, #text, p{  
    color:#D19FE9  
}
```

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 #D19FE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D19FE9
}
```

## Border

The CSS property to change the border of an element to Decimal 13737961 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
#D19FE9 }
```

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

```
.border{ border-color:#D19FE9 }
```

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

Here you see how a box with a 4 pixel #D19FE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D19FE9; -webkit-box-shadow:4px 4px  
4px 4px #D19FE9; box-shadow:4px 4px 4px  
4px #D19FE9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13737961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D19FE9 }
```

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

```
.background{ background-color:#D19FE9 }
```

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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