

Converting Colors

Decimal(13868794)

Have a look what the booklet for
Decimal(13868794) contains.

Decimal(13868794)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(13868794)

Conversions

Conversions Part 1

Format	Color
Hex	D39EFA
RGB	211, 158, 250
RGB Percent	83%, 62%, 98%
CMY	0.1725, 0.3804, 0.0196
CMYK	0.16, 0.37, 0.00, 0.02
HSL	275°, 90%, 80%
HSV	275°, 37%, 98%
XYZ	56.3461, 45.2047, 96.1981
YIQ	184.3350, 2.0560, 39.8480

Conversions

Conversions Part 2

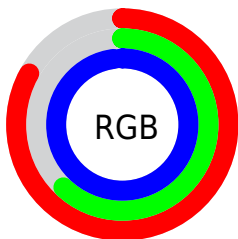
Format	Color
R _Y B	211, 158, 250
Decimal	13868794
CIE Lab	73.03, 36.29, -38.42
CIE LCh	73, 52.849, 313.372
Yxy	45.2047, 0.2849, 0.2286
Android (android.graphics.Color)	4292058874 (0xFFD39EFA)
YUV	184.3350, 32.3728, 23.3852
Hunter-Lab	67.2345, 31.9324, -37.7672

Details

The Decimal color **13868794** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12974750**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **16766463**, and **10185409** is the 20% darker color. If you saturate the color by 10%, you get **13141498**, and if you desaturate by 10%, it is **14596090**.

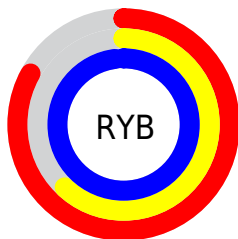
Distribution



Red (83%)

Green (62%)

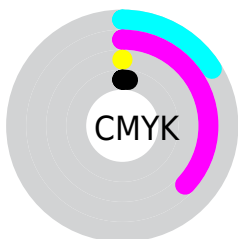
Blue (98%)



Red (83%)

Yellow (62%)

Blue (98%)

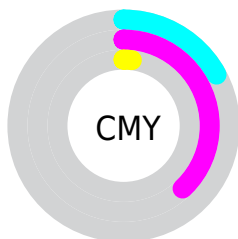


Cyan (16%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (17%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13868794 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 13868794 by changing the saturation by 10% instead.

 13868794

 13868794

16777215

 12026845

 16766463

 10185409

 16773887

 8409510

 6699403

 4989297

 3344472


 1769536

 42

 276

 13868794

 13868794

 13141498

 14596090

 12479738


 15257850

 11752442

 15985146

 11090682

 16646138

 10363386

 16777210

 9636090

 9437434

Harmonies

Analogous

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



9023999



13868794



16748240

Triad

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



13868794



15116117



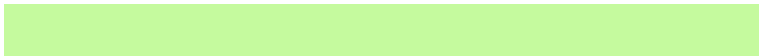
52424

Complementary

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



13868794



12974750

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.



3525270



13868794



12302161

Square

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



13868794



16750195



8766314



51700

Rectangle

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



13868794



16747184



8766314



52407

Sweetspot

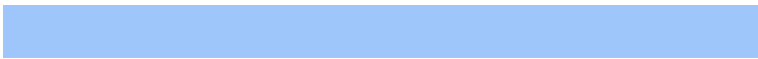
The Sweet Spot groups the original color and five complimentary colors.



13868794



15983615



10405626



7892864



0



8421504

Same Dimension

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



13868794



13602815



16424692



7893117



7143613



2293821

Inverse Universe

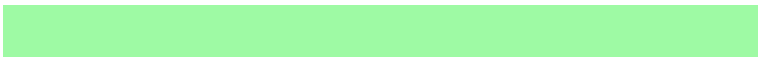
The Inverse Universe completely reimagines the original color for something new.



16424645



16748478



10418852



8220790



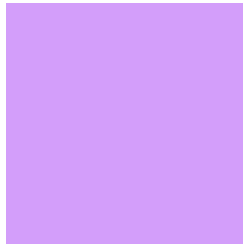
12386384



3997722

Previews

White Background



This preview shows how the Decimal color 13868794 looks on a white background.

Color Contrast Check

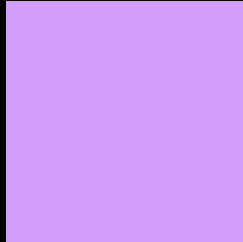
Large Text (above 18pt) WCAG AA × Fail

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 13868794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

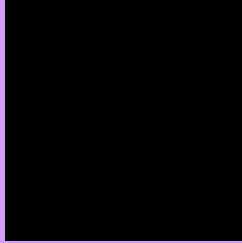
Any Text WCAG AA ✓ Pass

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 13868794 Background



This preview shows how black text looks on a background with the Decimal color 13868794.

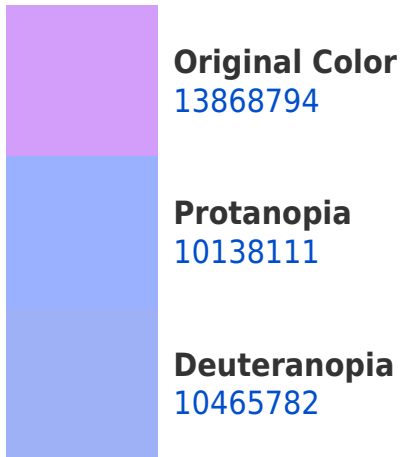



This preview shows how white text looks on a background with the Decimal color 13868794.

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
13216697

Trichromacy



Original Color
13868794



Protanomaly
11512573



Deuteranomaly
11709175



Tritanomaly
13477585

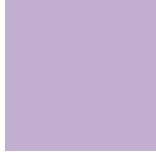
Monochromacy



Original Color
13868794



Achromatopsia
12105912



Achromatomaly
12758992

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13868794 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 #D39EFA looks like.

```
.text, #text, p{  
  color:#D39EFA  
}
```

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 #D39EFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D39EFA
}
```

Border

The CSS property to change the border of an element to Decimal 13868794 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
#D39EFA }
```

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

```
.border{ border-color:#D39EFA }
```

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

Here you see how a box with a 4 pixel #D39EFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D39EFA; -webkit-box-shadow:4px 4px  
4px 4px #D39EFA; box-shadow:4px 4px 4px  
4px #D39EFA }
```

Background

The CSS property to change the background color of an element to Decimal 13868794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D39EFA }
```

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

```
.background{ background-color:#D39EFA }
```

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