

# Converting Colors

Decimal(13337593)

Have a look what the booklet for  
Decimal(13337593) contains.

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# Color

**Decimal(13337593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB83F9
RGB	203, 131, 249
RGB Percent	80%, 51%, 98%
CMY	0.2039, 0.4863, 0.0235
CMYK	0.18, 0.47, 0.00, 0.02
HSL	277°, 91%, 75%
HSV	277°, 47%, 98%
XYZ	49.8438, 35.7687, 93.8995
YIQ	165.9800, 5.0340, 51.9620

# Conversions

## Conversions Part 2

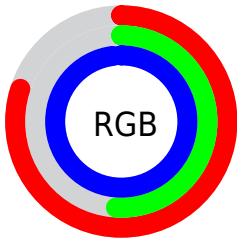
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 131, 249
Decimal	13337593
CIE Lab	66.34, 48.28, -48.40
CIE LCh	66, 68.363, 314.930
Yxy	35.7687, 0.2777, 0.1993
Android (android.graphics.Color)	4291527673 (0xFFC883F9)
YUV	165.9800, 40.9289, 32.4665
Hunter-Lab	59.8069, 44.1019, -51.2231

# Details

The Decimal color **13337593** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **11663747**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **16759551**, and **9588672** is the 20% darker color. If you saturate the color by 10%, you get **12675833**, and if you desaturate by 10%, it is **13999353**.

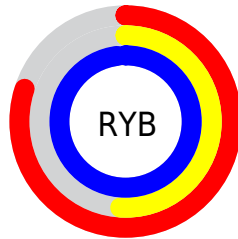
# Distribution



Red (80%)

Green (51%)

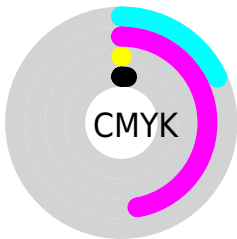
Blue (98%)



Red (80%)

Yellow (51%)

Blue (98%)

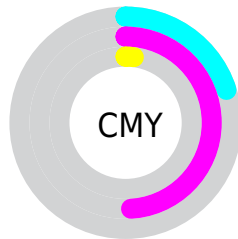


Cyan (18%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (49%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13337593 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 13337593 by changing the saturation by 10% instead.



 13337593

 13337593

16777215

 11430364

 16759551

 9588672

 16766719

 7812516

 16774143

 6036362

 4259952

 2490455

 589887

 807

 273

 13337593

 13337593

 12675833

 13999353

 12079609

 14595577

 11417849

 15257337

 10756089

 15919097

 10094329

 16580601

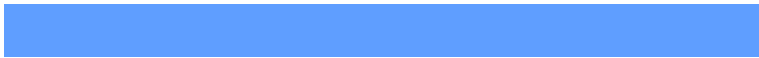
 9961721

 16777209

# Harmonies

## Analogous

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



6266623



13337593



16739011

# Triad

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



13337593



14258973



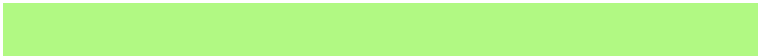
48831

# Complementary

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



13337593



11663747

# 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.



48255



13337593



10725394

# Square

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



13337593



16742732



6010180



48119

# Rectangle

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



13337593



16737434



6010180



48810



# Sweetspot

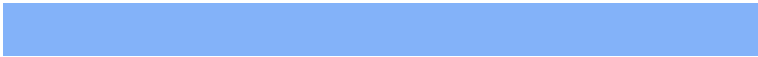
The Sweet Spot groups the original color and five complimentary colors.



13337593



15850495



8631033



7826048



0



8421504



# Same Dimension

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



13337593



13004543



16352237



7893117



7536829



2424893



# Inverse Universe

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



16352177



16740006



8649103



8220789



12386378

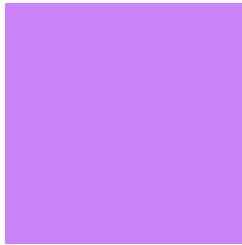


3997720



# Previews

## White Background



This preview shows how the Decimal color 13337593 looks on a white background.

## Color Contrast Check

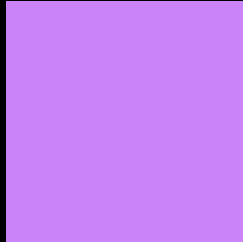
Large Text (above 18pt) WCAG AA × Fail

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 13337593 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 13337593 Background



This preview shows how black text looks on a background with the Decimal color 13337593.




This preview shows how white text looks on a background with the Decimal color 13337593.

# 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](#).

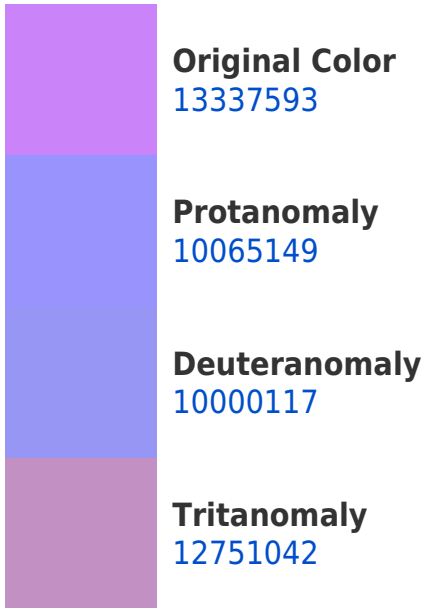
## Dichromacy





**Tritanopia**  
12425123

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13337593 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 #CB83F9 looks like.

```
.text, #text, p{  
    color:#CB83F9  
}
```

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 #CB83F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB83F9
}
```

## Border

The CSS property to change the border of an element to Decimal 13337593 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
#CB83F9 }
```

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

```
.border{ border-color:#CB83F9 }
```

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

Here you see how a box with a 4 pixel #CB83F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB83F9; -webkit-box-shadow:4px 4px  
4px 4px #CB83F9; box-shadow:4px 4px 4px  
4px #CB83F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13337593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB83F9 }
```

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

```
.background{ background-color:#CB83F9 }
```

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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