

# Converting Colors

Decimal(13342201)

Have a look what the booklet for  
Decimal(13342201) contains.

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# **Color**

**Decimal(13342201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB95F9
RGB	203, 149, 249
RGB Percent	80%, 58%, 98%
CMY	0.2039, 0.4157, 0.0235
CMYK	0.18, 0.40, 0.00, 0.02
HSL	272°, 89%, 78%
HSV	272°, 40%, 98%
XYZ	52.4749, 41.0310, 94.7766
YIQ	176.5460, 0.0840, 42.5480

# Conversions

## Conversions Part 2

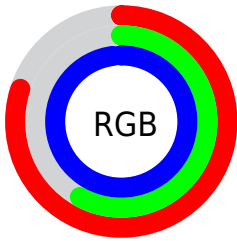
Format	Color
R <sub>Y</sub> B	203, 149, 249
Decimal	13342201
CIE Lab	70.20, 38.64, -42.34
CIE LCh	70, 57.323, 312.380
Yxy	41.0310, 0.2787, 0.2179
Android (android.graphics.Color)	4291532281 (0xFFCB95F9)
YUV	176.5460, 35.7198, 23.2002
Hunter-Lab	64.0554, 34.1323, -42.8869

# Details

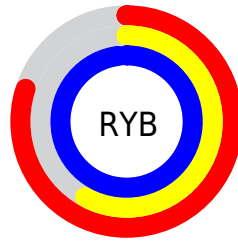
The Decimal color **13342201** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **12843413**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16764159**, and **9658816** is the 20% darker color. If you saturate the color by 10%, you get **12614905**, and if you desaturate by 10%, it is **14069497**.

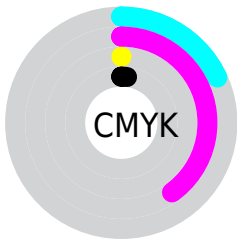
# Distribution



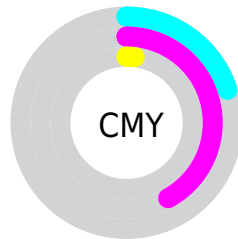
- Red (80%)
- Green (58%)
- Blue (98%)



- Red (80%)
- Yellow (58%)
- Blue (98%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (42%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13342201 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 13342201 by changing the saturation by 10% instead.



 13342201

 13342201

16777215

 11500508

 16764159

 9658816

 16771327

 7882917

 6172810

 4462704

 2687063

 1376319

 808

 274

 13342201

 13342201

 12614905

 14069497

 11822073

 14862329

 11094777

 15589625

 10301945

 16382457

 9574905

 16777209

 8782073

# Harmonies

## Analogous

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



7777023



13342201



16483276

# Triad

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



13342201



14851654



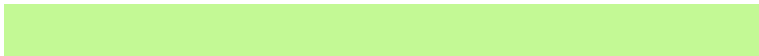
50880

# Complementary

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



13342201



12843413

# 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.



50058



13342201



11841599

# Square

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



13342201



16747112



8109147



50161

# Rectangle

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



13342201



16743850



8109147



50606



# Sweetspot

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



13342201



15851775



9815289



7827072



0



8421504



# Same Dimension

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



13342201



13075967



16356854



7827581



6684861



2162749



# Inverse Universe

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



16356803



16745917



9828760



8220790



12386391

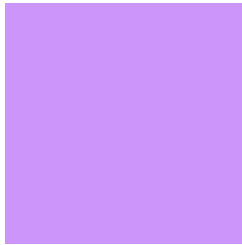


3997724



# Previews

## White Background



This preview shows how the Decimal color 13342201 looks on a white background.

## Color Contrast Check

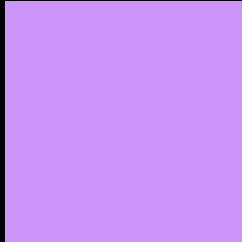
Large Text (above 18pt) WCAG AA × Fail

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 13342201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

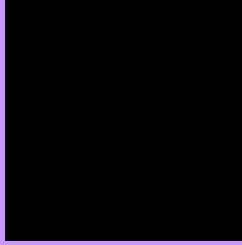
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13342201 Background



This preview shows how black text looks on a background with the Decimal color 13342201.




This preview shows how white text looks on a background with the Decimal color 13342201.

# 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**  
12559537

# Trichromacy



**Original Color**  
13342201



**Protanomaly**  
10789629



**Deuteranomaly**  
10855158



**Tritanomaly**  
12820427

# Monochromacy



**Original Color**  
13342201



**Achromatopsia**  
11645361



**Achromatomaly**  
12232651

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13342201 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 #CB95F9 looks like.

```
.text, #text, p{  
    color:#CB95F9  
}
```

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 #CB95F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB95F9
}
```

## Border

The CSS property to change the border of an element to Decimal 13342201 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
#CB95F9 }
```

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

```
.border{ border-color:#CB95F9 }
```

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

Here you see how a box with a 4 pixel #CB95F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB95F9; -webkit-box-shadow:4px 4px  
4px 4px #CB95F9; box-shadow:4px 4px 4px  
4px #CB95F9 }
```

# Background

The CSS property to change the background color of an element to Decimal 13342201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB95F9 }
```

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

```
.background{ background-color:#CB95F9 }
```

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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