

# Converting Colors

Decimal(13351899)

Have a look what the booklet for  
Decimal(13351899) contains.

<b>Decimal(13351899)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13351899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBBBDB
RGB	203, 187, 219
RGB Percent	80%, 73%, 86%
CMY	0.2039, 0.2667, 0.1412
CMYK	0.07, 0.15, 0.00, 0.14
HSL	270°, 31%, 80%
HSV	270°, 15%, 86%
XYZ	55.1851, 53.3516, 74.4072
YIQ	195.4320, -0.7360, 13.3440

# Conversions

## Conversions Part 2

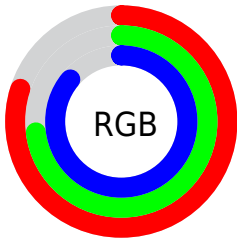
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 187, 219
Decimal	13351899
CIE Lab	78.08, 11.60, -13.95
CIE LCh	78, 18.143, 309.732
Yxy	53.3516, 0.3017, 0.2916
Android (android.graphics.Color)	4291541979 (0xFFCBBBDB)
YUV	195.4320, 11.6190, 6.6371
Hunter-Lab	73.0422, 7.0371, -9.2684

# Details

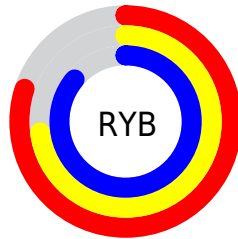
The Decimal color **13351899** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **13360059**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16774143**, and **9799332** is the 20% darker color. If you saturate the color by 10%, you get **12625371**, and if you desaturate by 10%, it is **14078427**.

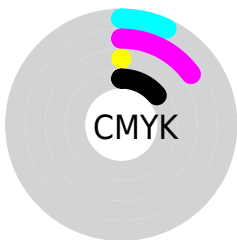
# Distribution



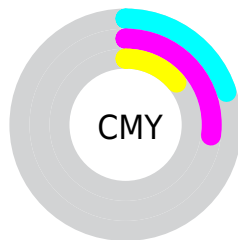
- Red (80%)
- Green (73%)
- Blue (86%)



- Red (80%)
- Yellow (73%)
- Blue (86%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (27%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13351899 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 13351899 by changing the saturation by 10% instead.



 13351899

 13351899

16777215

 11575487

 16774143

 9799332

 8088970

 6444144

 4865368

 3352384

 1905450

 22

 0

13351899

13351899

12625371

14078427

11898843

14804955

11172315

15531483

10445787

16252891

9719259

16777179

8992987

8266459

7539931

7209179

# Harmonies

## Analogous

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



11911650



13351899



14464973

# Triad

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



13351899



14269602



9948102

# Complementary

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



13351899



13360059

# 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.



10734261



13351899



13222560

# Square

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



13351899



14923692



11978663



9882326

# Rectangle

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



13351899



14857666



11978663



10144704



# Sweetspot

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



13351899



16446975



12307419



8157568



0



8421504



# Same Dimension

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



13351899



15258111



14400475



6841198



5701805



1507374



# Inverse Universe

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



14400459



16765416



12311483



7234408



11337815

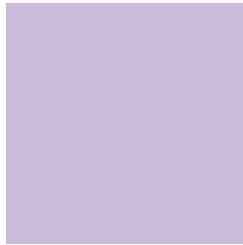


3014679



# Previews

## White Background



This preview shows how the Decimal color 13351899 looks on a white background.

## Color Contrast Check

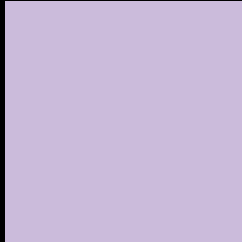
Large Text (above 18pt) WCAG AA × Fail

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 13351899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

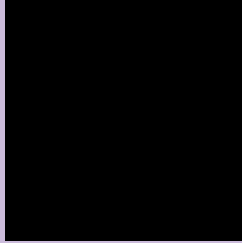
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 13351899 Background



This preview shows how black text looks on a background with the Decimal color 13351899.



This preview shows how white text looks on a background with the Decimal color 13351899.

# 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



**Original Color**  
13351899

**Protanopia**  
12370142

**Deuteranopia**  
13155547



**Tritanopia**  
13221324

# Trichromacy



**Original Color**  
13351899

**Protanomaly**  
12697309

**Deuteranomaly**  
13221083

**Tritanomaly**  
13286609

# Monochromacy



**Original Color**  
13351899

**Achromatopsia**  
12829635

**Achromatomaly**  
13025484

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13351899 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 #CBBBDB looks like.

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

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 #CBBBDB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 13351899 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
#CBBBDB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 13351899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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