

# Converting Colors

Decimal(12894953)

Have a look what the booklet for  
Decimal(12894953) contains.

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# **Color**

**Decimal(12894953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C2E9
RGB	196, 194, 233
RGB Percent	77%, 76%, 91%
CMY	0.2314, 0.2392, 0.0863
CMYK	0.16, 0.17, 0.00, 0.09
HSL	243°, 47%, 84%
HSV	243°, 17%, 91%
XYZ	56.7647, 56.2025, 84.9471
YIQ	199.0440, -11.3270, 12.5530

# Conversions

## Conversions Part 2

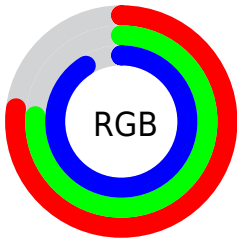
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 194, 233
Decimal	12894953
CIE Lab	79.73, 8.44, -19.07
CIE LCh	80, 20.852, 293.880
Yxy	56.2025, 0.2868, 0.2840
Android (android.graphics.Color)	4291085033 (0xFFC4C2E9)
YUV	199.0440, 16.7403, -2.6696
Hunter-Lab	74.9683, 3.9625, -14.7041

# Details

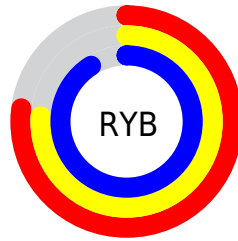
The Decimal color **12894953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **15198658**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **16644863**, and **9342129** is the 20% darker color. If you saturate the color by 10%, you get **11447273**, and if you desaturate by 10%, it is **14342633**.

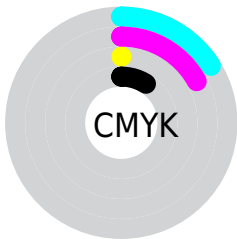
# Distribution



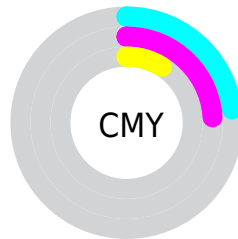
- Red (77%)
- Green (76%)
- Blue (91%)



- Red (77%)
- Yellow (76%)
- Blue (91%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12894953 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 12894953 by changing the saturation by 10% instead.



■ 12894953

■ 12894953

16777215

■ 11118541

■ 16644863

■ 9342129

■ 7631767

■ 5986941

■ 4408164

■ 2895180

■ 1447989

■ 32

■ 3

 12894953

 12894953

 11447273

 14342633

 9999337

 15790569

 8551657

 16777193

 7103977

 5590505

 4142825

 2695145

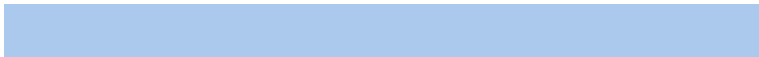
 1247465

 786665

# Harmonies

## Analogous

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



11192812



12894953



14400733

# Triad

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



12894953



15252903



10211777

# Complementary

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



12894953



15198658

# 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.



11456174



12894953



14271391

# Square

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



12894953



15645111



12896674



9556437

# Rectangle

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



12894953



15120849



12896674



10539194



# Sweetspot

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



12894953



15987455



12773353



7895168



0



8421504



# Same Dimension

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



12894953



13618431



14140137



6974069



590005



196662



# Inverse Universe

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



15319783



16764156



13953474



7694965



11862188

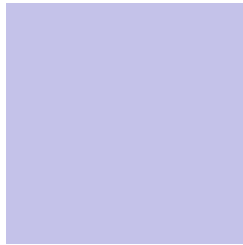


3538995



# Previews

## White Background



This preview shows how the Decimal color 12894953 looks on a white background.

## Color Contrast Check

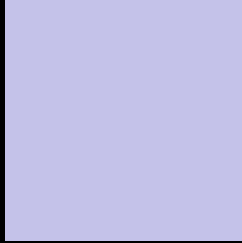
Large Text (above 18pt) WCAG AA × Fail

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 12894953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

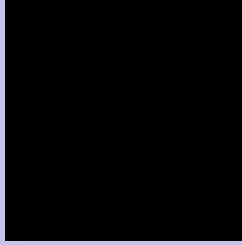
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 12894953 Background



This preview shows how black text looks on a background with the Decimal color 12894953.



This preview shows how white text looks on a background with the Decimal color 12894953.

# 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](#).

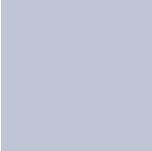
## Dichromacy



**Original Color**  
12894953

**Protanopia**  
12502250

**Deuteranopia**  
13091305



**Tritanopia**  
12633557

# Trichromacy



**Original Color**  
12894953

**Protanomaly**  
12633066

**Deuteranomaly**  
13025769

**Tritanomaly**  
12698844

# Monochromacy



**Original Color**  
12894953

**Achromatopsia**  
13092807

**Achromatomaly**  
13026771

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12894953 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 #C4C2E9 looks like.

```
.text, #text, p{  
    color:#C4C2E9  
}
```

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 #C4C2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4C2E9
}
```

## Border

The CSS property to change the border of an element to Decimal 12894953 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
#C4C2E9 }
```

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

```
.border{ border-color:#C4C2E9 }
```

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

Here you see how a box with a 4 pixel #C4C2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4C2E9; -webkit-box-shadow:4px 4px  
4px 4px #C4C2E9; box-shadow:4px 4px 4px  
4px #C4C2E9 }
```

# Background

The CSS property to change the background color of an element to Decimal 12894953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4C2E9 }
```

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

```
.background{ background-color:#C4C2E9 }
```

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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