

# Converting Colors

Decimal(12831457)

Have a look what the booklet for  
Decimal(12831457) contains.

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# **Color**

**Decimal(12831457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3CAE1
RGB	195, 202, 225
RGB Percent	76%, 79%, 88%
CMY	0.2353, 0.2078, 0.1176
CMYK	0.13, 0.10, 0.00, 0.12
HSL	226°, 33%, 82%
HSV	226°, 13%, 88%
XYZ	57.2168, 59.2794, 79.6606
YIQ	202.5290, -11.5550, 5.6690

# Conversions

## Conversions Part 2

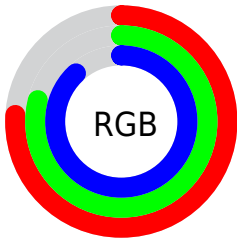
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 201, 225
Decimal	12831457
CIE <sub>Lab</sub>	81.44, 2.16, -12.21
CIE <sub>LCh</sub>	81, 12.396, 280.032
Yxy	59.2794, 0.2917, 0.3022
Android (android.graphics.Color)	4291021537 (0xFFC3CAE1)
YUV	202.5290, 11.0782, -6.6029
Hunter-Lab	76.9931, -2.0871, -7.4489

# Details

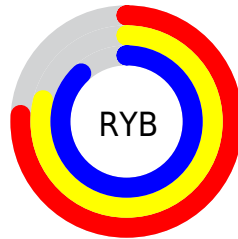
The Decimal color **12831457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14801603**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16580607**, and **9278634** is the 20% darker color. If you saturate the color by 10%, you get **11319777**, and if you desaturate by 10%, it is **14343137**.

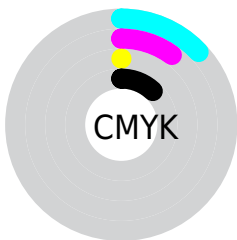
# Distribution



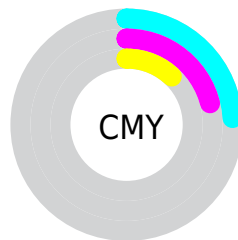
- Red (76%)
- Green (79%)
- Blue (88%)



- Red (76%)
- Yellow (79%)
- Blue (88%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (21%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12831457 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 12831457 by changing the saturation by 10% instead.



■ 12831457

■ 12831457

16777215

■ 11055045

■ 16580607

■ 9278634

■ 7568015

■ 5988726

■ 4409949

■ 2896709

■ 1515055

■ 1307

■ 0

■ 12831457

■ 12831457

■ 11319777

■ 14343137

■ 9873633

■ 15789281

■ 8361697

■ 16776929

■ 6915553

■ 16777185

■ 5469409

■ 3957729

■ 2445793

■ 999649

■ 13793

# Harmonies

## Analogous

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



11980512



12831457



13813468

# Triad

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



12831457



14861500



11981250

# Complementary

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



12831457



14801603

# 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.



12766904



12831457



14403509

# Square

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



12831457



14926791



13683636



11456974

# Rectangle

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



12831457



14337238



13683636



12243134



# Sweetspot

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



12831457



16119807



12837338



7961472



0



8421504



# Same Dimension

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



12831457



14082303



13353953



6645872



10672



2864



# Inverse Universe

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



14795722



16766688



14279107



7365992



11534377

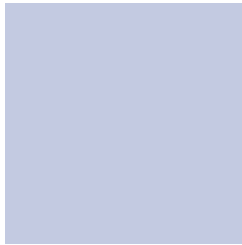


3145739



# Previews

## White Background



This preview shows how the Decimal color 12831457 looks on a white background.

## Color Contrast Check

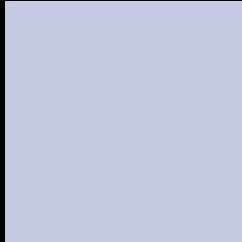
Large Text (above 18pt) WCAG AA × Fail

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 12831457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

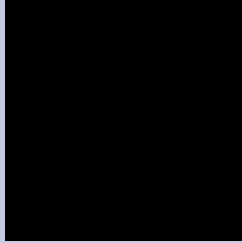
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

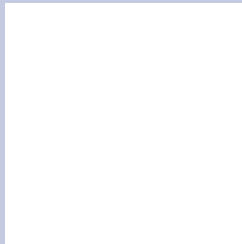
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12831457 Background



This preview shows how black text looks on a background with the Decimal color 12831457.

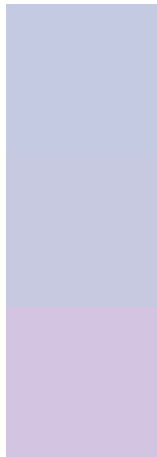


This preview shows how white text looks on a background with the Decimal color 12831457.

# 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**  
12831457

**Protanopia**  
13093344

**Deuteranopia**  
13878754



**Tritanopia**  
12766171

# Trichromacy



**Original Color**  
12831457

**Protanomaly**  
13027808

**Deuteranomaly**  
13486050

**Tritanomaly**  
12766173

# Monochromacy



**Original Color**  
12831457

**Achromatopsia**  
13355979

**Achromatomaly**  
13159379

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12831457 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 #C3CAE1 looks like.

```
.text, #text, p{  
  color:#C3CAE1  
}
```

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 #C3CAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3CAE1
}
```

## Border

The CSS property to change the border of an element to Decimal 12831457 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
#C3CAE1 }
```

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

```
.border{ border-color:#C3CAE1 }
```

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

Here you see how a box with a 4 pixel #C3CAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3CAE1; -webkit-box-shadow:4px 4px  
4px 4px #C3CAE1; box-shadow:4px 4px 4px  
4px #C3CAE1 }
```

# Background

The CSS property to change the background color of an element to Decimal 12831457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3CAE1 }
```

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

```
.background{ background-color:#C3CAE1 }
```

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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