

Converting Colors

Decimal(12893876)

Have a look what the booklet for
Decimal(12893876) contains.

Decimal(12893876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12893876)

Conversions

Conversions Part 1

Format	Color
Hex	C4BEB4
RGB	196, 190, 180
RGB Percent	77%, 75%, 71%
CMY	0.2314, 0.2549, 0.2941
CMYK	0.00, 0.03, 0.08, 0.23
HSL	37°, 12%, 74%
HSV	37°, 8%, 77%
XYZ	49.4166, 51.8580, 50.5851
YIQ	190.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

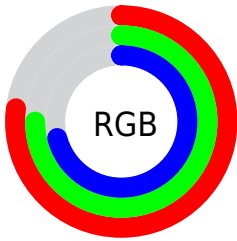
Format	Color
RYB	190, 196, 180
Decimal	12893876
CIELab	77.20, 0.35, 5.78
CIELCh	77, 5.793, 86.583
Yxy	51.8580, 0.3254, 0.3415
Android (android.graphics.Color)	4291083956 (0xFFC4BEB4)
YUV	190.6540, -5.2524, 4.6884
Hunter-Lab	72.0125, -3.5310, 8.7605

Details

The Decimal color **12893876** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11844292**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16643820**, and **9341311** is the 20% darker color. If you saturate the color by 10%, you get **12892064**, and if you desaturate by 10%, it is **12895688**.

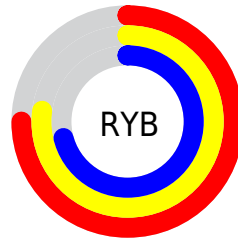
Distribution



Red (77%)

Green (75%)

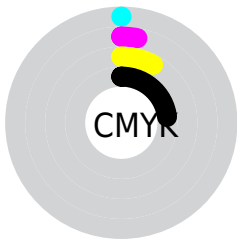
Blue (71%)



Red (75%)

Yellow (77%)

Blue (71%)

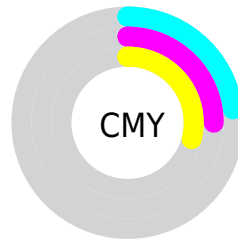


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12893876 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 12893876 by changing the saturation by 10% instead.

■ 12893876

■ 12893876

16777215

■ 11117465

■ 16643820

■ 9341311

■ 7696230

■ 6051662

■ 4472887

■ 3025442

■ 1709324

■ 0

■ 12893876

■ 12893876

 12892064

 12895688

 12889997

 12897755

 12888185

 12899567

 12886374

 12901375

 12884306

 12903423

 12882494

 12905215

 12880683

 12907007

 12878615

 12909055

 12876804

 12910591

Harmonies

Analogous

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



13221046



12893876



12501173

Triad

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



12893876



11715267



12958917

Complementary

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



12893876



11844292

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.



12565960



12893876



11846087

Square

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



12893876



11780798



12173257



13220799

Rectangle

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



12893876



12239287



12173257



12827846

Sweetspot

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



12893876



16776698



12891322



8421245



0



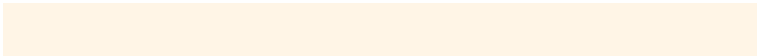
8421504

Same Dimension

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



12893876



16774630



12764340



6380887



10576896



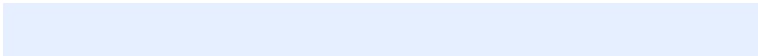
2168064

Inverse Universe

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



11844292



15134719



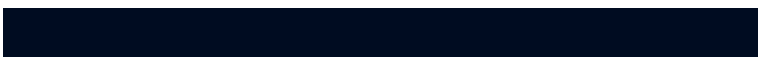
11973828



5725025



15521



3105

Previews

White Background



This preview shows how the Decimal color 12893876 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 12893876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

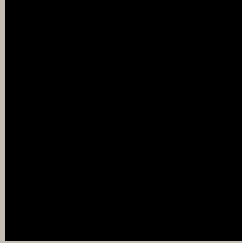
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

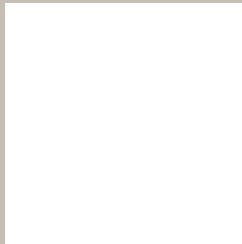
Any Text WCAG AAA ✓ Pass

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

Decimal 12893876 Background



This preview shows how black text looks on a background with the Decimal color 12893876.



This preview shows how white text looks on a background with the Decimal color 12893876.

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](#).

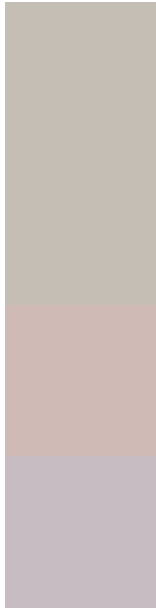
Dichromacy





Tritanopia
13089737

Trichromacy



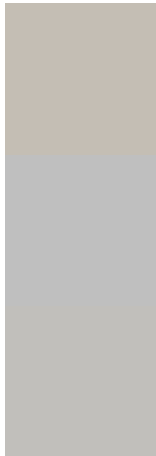
Original Color
12893876

Protanomaly
12959412

Deuteranomaly
13613749

Tritanomaly
13024449

Monochromacy



Original Color
12893876

Achromatopsia
12566463

Achromatomaly
12697531

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12893876 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 #C4BEB4 looks like.

```
.text, #text, p{  
  color:#C4BEB4  
}
```

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 #C4BEB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEB4  
}
```

Border

The CSS property to change the border of an element to Decimal 12893876 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  
#C4BEB4 }
```

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

```
.border{ border-color:#C4BEB4 }
```

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

Here you see how a box with a 4 pixel #C4BEB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEB4; -webkit-box-shadow:4px 4px  
4px 4px #C4BEB4; box-shadow:4px 4px 4px  
4px #C4BEB4 }
```

Background

The CSS property to change the background color of an element to Decimal 12893876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEB4 }
```

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

```
.background{ background-color:#C4BEB4 }
```

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