

Converting Colors

Decimal(12835217)

Have a look what the booklet for
Decimal(12835217) contains.

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Color

Decimal(12835217)

Conversions

Conversions Part 1

Format	Color
Hex	C3D991
RGB	195, 217, 145
RGB Percent	76%, 85%, 57%
CMY	0.2353, 0.1490, 0.4314
CMYK	0.10, 0.00, 0.33, 0.15
HSL	78°, 49%, 71%
HSV	78°, 33%, 85%
XYZ	52.4294, 63.2721, 36.2375
YIQ	202.2140, 10.0000, -27.0560

Conversions

Conversions Part 2

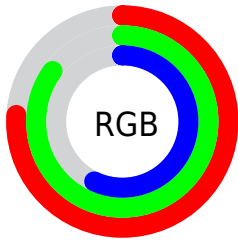
Format	Color
RYB	145, 217, 167
Decimal	12835217
CIELab	83.59, -19.19, 33.10
CIELCh	84, 38.258, 120.099
Yxy	63.2721, 0.3451, 0.4164
Android (android.graphics.Color)	4291025297 (0xFFC3D991)
YUV	202.2140, -28.2065, -6.3267
Hunter-Lab	79.5438, -21.5477, 28.6701

Details

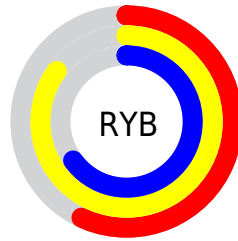
The Decimal color **12835217** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **10981849**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16580551**, and **9216606** is the 20% darker color. If you saturate the color by 10%, you get **12376443**, and if you desaturate by 10%, it is **13293991**.

Distribution



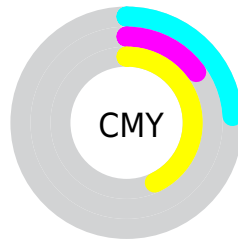
- Red (76%)
- Green (85%)
- Blue (57%)



- Red (57%)
- Yellow (85%)
- Blue (65%)



- Cyan (10%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12835217 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 12835217 by changing the saturation by 10% instead.

 12835217

 12835217

16777215

 10993015

 16580551

 9216606

 16777188

 7505989

 5860909

 4216342

 2703104

 1190144

 5376

 0

 12835217

 12835217

 12376443

 13293991

 11983206

 13687228

 11524432

 14146002

 11065658

 14604776

 10672421

 14998014

 10213647

 15456767

 9951488

 15849983

 16308735

 16767487

Harmonies

Analogous

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



15322760



12835217



10084523

Triad

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



12835217



7003903



16758226

Complementary

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



12835217



10981849

Split Complementary

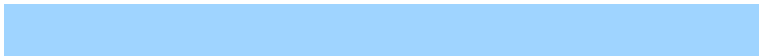
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16694261



12835217



10474751

Square

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



12835217



5497843



14010367



16758958

Rectangle

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



12835217



8184771



14010367



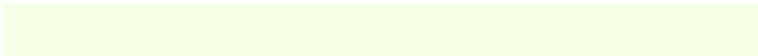
16758494

Sweetspot

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



12835217



16252902



14264209



8093808



0



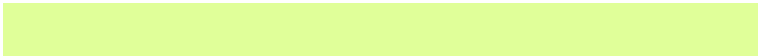
8421504

Same Dimension

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



12835217



14745497



10475921



6975075



7908608



2108928

Inverse Universe

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



10981849



12098047



13341145



6710126



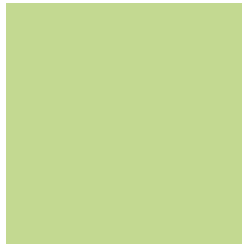
3473581



917550

Previews

White Background



This preview shows how the Decimal color 12835217 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 12835217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

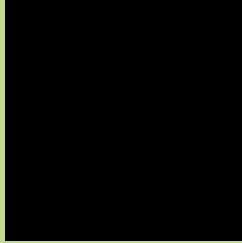
Any Text WCAG AA ✓ Pass

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 12835217 Background



This preview shows how black text looks on a background with the Decimal color 12835217.



This preview shows how white text looks on a background with the Decimal color 12835217.

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



Trichromacy



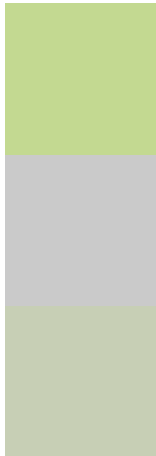
Original Color
12835217

Protanomaly
14078862

Deuteranomaly
14995092

Tritanomaly
13292483

Monochromacy



Original Color
12835217

Achromatopsia
13290186

Achromatomaly
13094837

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12835217 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 #C3D991 looks like.

```
.text, #text, p{  
    color:#C3D991  
}
```

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 #C3D991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3D991
}
```

Border

The CSS property to change the border of an element to Decimal 12835217 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
#C3D991 }
```

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

```
.border{ border-color:#C3D991 }
```

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

Here you see how a box with a 4 pixel #C3D991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3D991; -webkit-box-shadow:4px 4px  
4px 4px #C3D991; box-shadow:4px 4px 4px  
4px #C3D991 }
```

Background

The CSS property to change the background color of an element to Decimal 12835217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3D991 }
```

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

```
.background{ background-color:#C3D991 }
```

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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