

# Converting Colors

Decimal(12835541)

Have a look what the booklet for  
Decimal(12835541) contains.

<b>Decimal(12835541)</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(12835541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3DAD5
RGB	195, 218, 213
RGB Percent	76%, 85%, 84%
CMY	0.2353, 0.1451, 0.1647
CMYK	0.11, 0.00, 0.02, 0.15
HSL	167°, 24%, 81%
HSV	167°, 11%, 85%
XYZ	59.5873, 66.5490, 72.6554
YIQ	210.5530, -12.1030, -6.4310

# Conversions

## Conversions Part 2

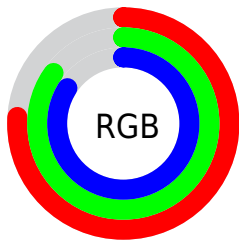
Format	Color
R <sub>YB</sub>	195, 208, 218
Decimal	12835541
CIE Lab	85.28, -8.60, -0.16
CIE LCh	85, 8.602, 181.042
Yxy	66.5490, 0.2997, 0.3348
Android (android.graphics.Color)	4291025621 (0xFFC3DAD5)
YUV	210.5530, 1.2064, -13.6400
Hunter-Lab	81.5776, -12.3777, 4.2988

# Details

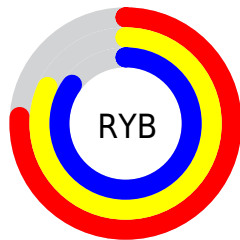
The Decimal color **12835541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **14336968**, and the grayscale version is **13882323**.

A 20% lighter version of the original color is **16580607**, and **9282462** is the 20% darker color. If you saturate the color by 10%, you get **11393744**, and if you desaturate by 10%, it is **14277338**.

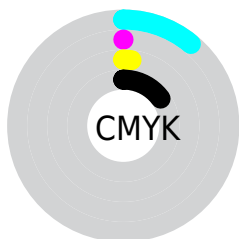
# Distribution



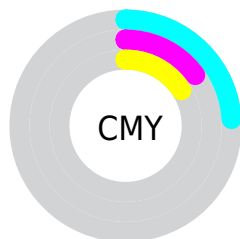
- Red (76%)
- Green (85%)
- Blue (84%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (24%)
- Magenta (15%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12835541 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 12835541 by changing the saturation by 10% instead.





 12835541

 12835541

 11393744


 14277338

 9951948

 15719134

 8575687

 16767715

 7133890

 16767720

 5692093

 16767725

 4250297

 16767729

 2808500

 16767734

 1432239

 16767739

 55979

 16767743

# Harmonies

## Analogous

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



13228493



12835541



12704477

# Triad

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



12835541



14144483



14930631

# Complementary

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



12835541



14336968

# 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.



15192269



12835541



14733789

# Square

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



12835541



13489893



15126741



14472645

# Rectangle

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



12835541



12835297



15126741



15061449



# Sweetspot

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



12835541



16252925



13163203



8028286



0



8421504

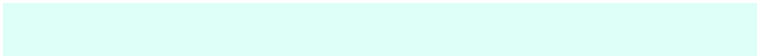


# Same Dimension

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



12835541



14614520



12834010



6516331



44424



11812



# Inverse Universe

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



14336968



16768741



14338499



7234405



11337766

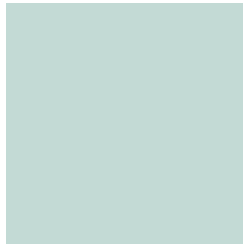


3014666



# Previews

## White Background



This preview shows how the Decimal color 12835541 looks on a white background.

## Color Contrast Check

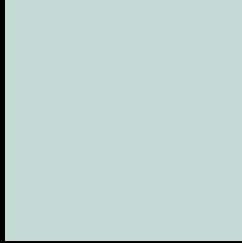
Large Text (above 18pt) WCAG AA × Fail

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 12835541 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

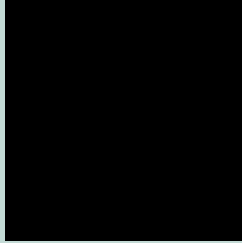
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

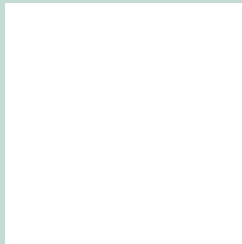
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12835541 Background



This preview shows how black text looks on a background with the Decimal color 12835541.



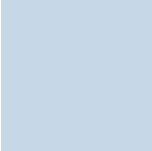
This preview shows how white text looks on a background with the Decimal color 12835541.

# 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](#).

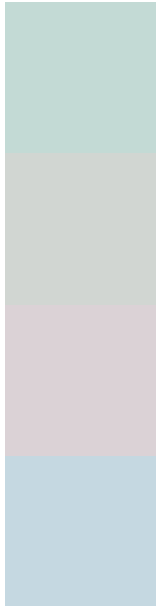
## Dichromacy





**Tritanopia**  
13031400

# Trichromacy



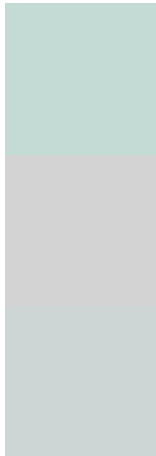
**Original Color**  
12835541

**Protanomaly**  
13752018

**Deuteranomaly**  
14406358

**Tritanomaly**  
12966113

# Monochromacy



**Original Color**  
12835541

**Achromatopsia**  
13882323

**Achromatomaly**  
13489876

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12835541 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 #C3DAD5 looks like.

```
.text, #text, p{  
    color:#C3DAD5  
}
```

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 #C3DAD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DAD5  
}
```

## Border

The CSS property to change the border of an element to Decimal 12835541 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  
#C3DAD5 }
```

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

```
.border{ border-color:#C3DAD5 }
```

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

Here you see how a box with a 4 pixel #C3DAD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DAD5; -webkit-box-shadow:4px 4px  
4px 4px #C3DAD5; box-shadow:4px 4px 4px  
4px #C3DAD5 }
```

# Background

The CSS property to change the background color of an element to Decimal 12835541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DAD5 }
```

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

```
.background{ background-color:#C3DAD5 }
```

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