

Converting Colors

Decimal(4312883)

Have a look what the booklet for
Decimal(4312883) contains.

Decimal(4312883)	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(4312883)

Conversions

Conversions Part 1

Format	Color
Hex	41CF33
RGB	65, 207, 51
RGB Percent	25%, 81%, 20%
CMY	0.7451, 0.1882, 0.8000
CMYK	0.69, 0.00, 0.75, 0.19
HSL	115°, 62%, 51%
HSV	115°, 75%, 81%
XYZ	25.0903, 45.9885, 10.6862
YIQ	146.7580, -34.5560, -78.6200

Conversions

Conversions Part 2

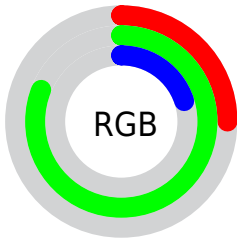
Format	Color
RYB	51, 207, 193
Decimal	4312883
CIELab	73.54, -65.20, 62.12
CIELCh	74, 90.053, 136.383
Yxy	45.9885, 0.3069, 0.5624
Android (android.graphics.Color)	4282502963 (0xFF41CF33)
YUV	146.7580, -47.2087, -71.7018
Hunter-Lab	67.8148, -52.6339, 38.1275

Details

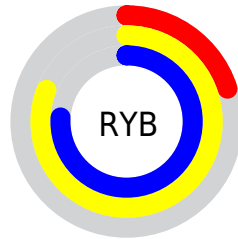
The Decimal color **4312883** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **12661711**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8650604**, and **38656** is the 20% darker color. If you saturate the color by 10%, you get **3067678**, and if you desaturate by 10%, it is **5558088**.

Distribution



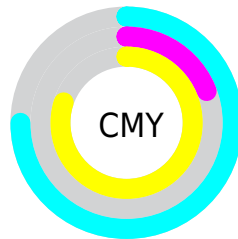
- Red (25%)
- Green (81%)
- Blue (20%)



- Red (20%)
- Yellow (81%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (75%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4312883 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 4312883 by changing the saturation by 10% instead.

 4312883

 4312883

16777215

 701197

 8650604

 38656

 10682248

 31744

 12713892

 25088

 14680000

 18432

 16711645

 12544

 16777211

 5376

 0

 4312883

 4312883

■ 3067678

■ 5558088

■ 1822474

■ 6803292

■ 1298176

■ 8048497

■ 9228166

■ 10473371

■ 11718575

■ 12963780

■ 14208985

■ 15454189

Harmonies

Analogous

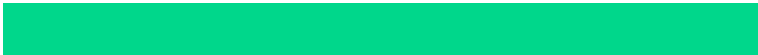
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11517696



4312883



55179

Triad

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



4312883



51711



16734347

Complementary

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



4312883



12661711

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.



16735966



4312883



4632575

Square

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



4312883



55039



15697919



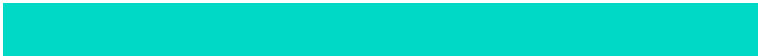
16743741

Rectangle

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



4312883



55749



15697919



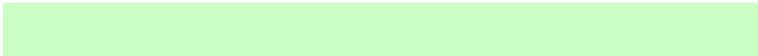
16733351

Sweetspot

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



4312883



13303748



13614899



6258780



0



8421504

Same Dimension

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



4312883



3079961



3395441



6252894



1026048



272640

Inverse Universe

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



12661711



15342079



13579153



6839913



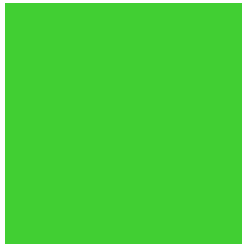
10027176



2424873

Previews

White Background



This preview shows how the Decimal color 4312883 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 4312883 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 4312883 Background



This preview shows how black text looks on a background with the Decimal color 4312883.

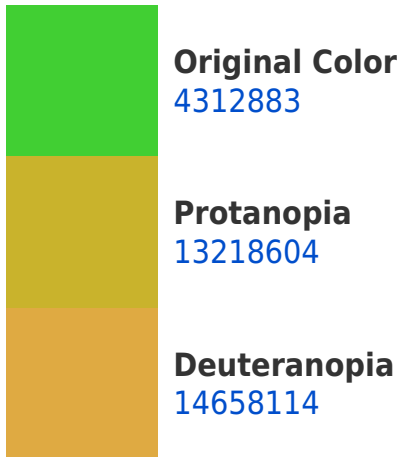


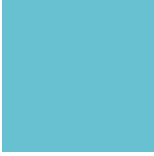
This preview shows how white text looks on a background with the Decimal color 4312883.

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
6865361

Trichromacy



Original Color

4312883



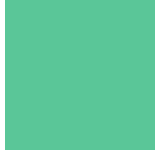
Protanomaly

10009903



Deuteranomaly

10925885



Tritanomaly

5949080

Monochromacy



Original Color

4312883



Achromatopsia

9671571



Achromatomaly

7711088

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4312883 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 #41CF33 looks like.

```
.text, #text, p{  
    color:#41CF33  
}
```

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 #41CF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CF33
}
```

Border

The CSS property to change the border of an element to Decimal 4312883 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
#41CF33 }
```

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

```
.border{ border-color:#41CF33 }
```

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

Here you see how a box with a 4 pixel #41CF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CF33; -webkit-box-shadow:4px 4px  
4px 4px #41CF33; box-shadow:4px 4px 4px  
4px #41CF33 }
```

Background

The CSS property to change the background color of an element to Decimal 4312883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CF33 }
```

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

```
.background{ background-color:#41CF33 }
```

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