

Converting Colors

Decimal(4182438)

Have a look what the booklet for
Decimal(4182438) contains.

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Color

Decimal(4182438)

Conversions

Conversions Part 1

Format	Color
Hex	3FD1A6
RGB	63, 209, 166
RGB Percent	25%, 82%, 65%
CMY	0.7529, 0.1804, 0.3490
CMYK	0.70, 0.00, 0.21, 0.18
HSL	162°, 61%, 53%
HSV	162°, 70%, 82%
XYZ	31.7333, 49.4109, 43.9411
YIQ	160.4440, -73.2130, -44.3250

Conversions

Conversions Part 2

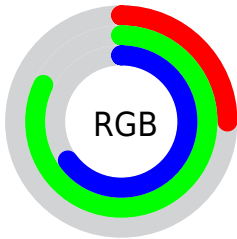
Format	Color
RYB	63, 149, 209
Decimal	4182438
CIELab	75.71, -48.42, 10.32
CIELCh	76, 49.506, 167.972
Yxy	49.4109, 0.2537, 0.3950
Android (android.graphics.Color)	4282372518 (0xFF3FD1A6)
YUV	160.4440, 2.7391, -85.4584
Hunter-Lab	70.2929, -42.4297, 12.1419

Details

The Decimal color **4182438** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13713258**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **8454109**, and **39282** is the 20% darker color. If you saturate the color by 10%, you get **2806176**, and if you desaturate by 10%, it is **5558700**.

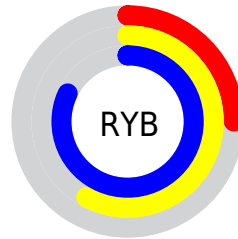
Distribution



Red (25%)

Green (82%)

Blue (65%)



Red (25%)

Yellow (58%)

Blue (82%)

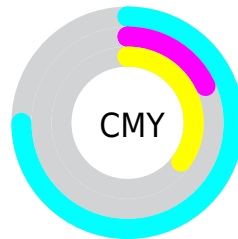


Cyan (70%)

Magenta (0%)

Yellow (21%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4182438 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 4182438 by changing the saturation by 10% instead.



4182438



4182438

16777215



570764



8454109



39282



10485754



32602



12451839



25922



14417919



19500



16449535



13335



7168



0



4182438



4182438

■ 2806176

■ 5558700

■ 1429914

■ 6934962

■ 53652

■ 8311224

■ 53651

■ 9687487

■ 11063749

■ 12374475

■ 13750737

■ 15126999

■ 16503261

Harmonies

Analogous

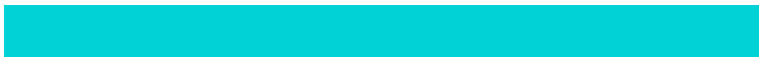
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8899451



4182438



53973

Triad

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



4182438



10663679



16753017

Complementary

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



4182438



13713258

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.



16750241



4182438



14787832

Square

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



4182438



4113919



16750543



15118944

Rectangle

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



4182438



53489



16750543



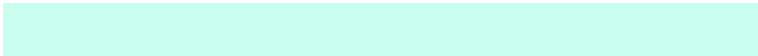
16752005

Sweetspot

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



4182438



13238255



7065919



6324342



0



8421504

Same Dimension

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



4182438



2752448



4175057



6187365



43127



10525

Inverse Universe

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



13713258



16722280



13720639



6905441



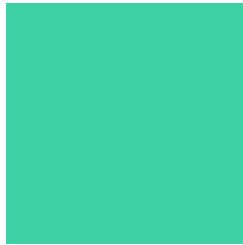
11010098



2686988

Previews

White Background



This preview shows how the Decimal color 4182438 looks on a white background.

Color Contrast Check

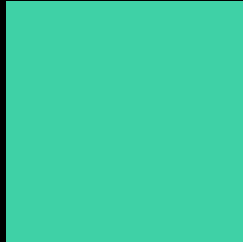
Large Text (above 18pt) WCAG AA × Fail

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 4182438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

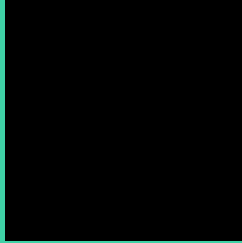
Any Text WCAG AA ✓ Pass

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 4182438 Background



This preview shows how black text looks on a background with the Decimal color 4182438.



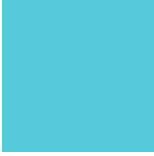
This preview shows how white text looks on a background with the Decimal color 4182438.

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](#).

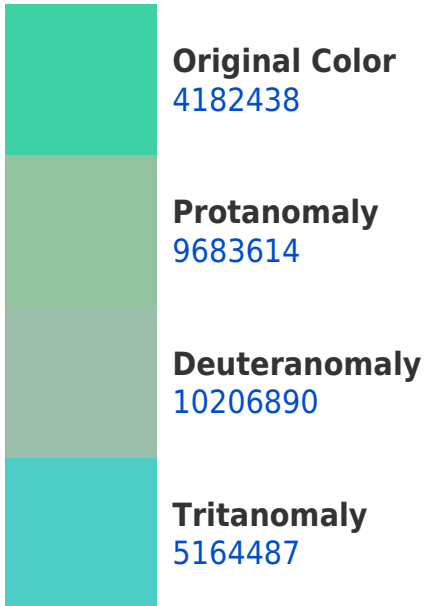
Dichromacy



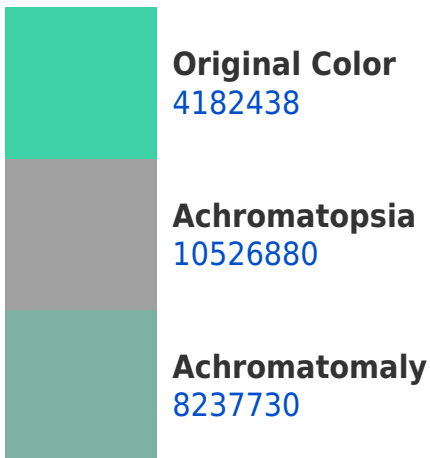


Tritanopia
5753562

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4182438 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 #3FD1A6 looks like.

```
.text, #text, p{  
    color:#3FD1A6  
}
```

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 #3FD1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD1A6
}
```

Border

The CSS property to change the border of an element to Decimal 4182438 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
#3FD1A6 }
```

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

```
.border{ border-color:#3FD1A6 }
```

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

Here you see how a box with a 4 pixel #3FD1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD1A6; -webkit-box-shadow:4px 4px  
4px 4px #3FD1A6; box-shadow:4px 4px 4px  
4px #3FD1A6 }
```

Background

The CSS property to change the background color of an element to Decimal 4182438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD1A6 }
```

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

```
.background{ background-color:#3FD1A6 }
```

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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