

Converting Colors

Decimal(4182670)

Have a look what the booklet for
Decimal(4182670) contains.

Decimal(4182670)	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(4182670)

Conversions

Conversions Part 1

Format	Color
Hex	3FD28E
RGB	63, 210, 142
RGB Percent	25%, 82%, 56%
CMY	0.7529, 0.1765, 0.4431
CMYK	0.70, 0.00, 0.32, 0.18
HSL	152°, 62%, 54%
HSV	152°, 70%, 82%
XYZ	29.9790, 49.1029, 33.4889
YIQ	158.2950, -65.7840, -52.3120

Conversions

Conversions Part 2

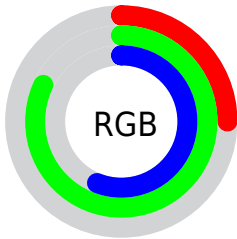
Format	Color
RYB	63, 159, 210
Decimal	4182670
CIELab	75.52, -54.11, 22.78
CIELCh	76, 58.710, 157.167
Yxy	49.1029, 0.2663, 0.4362
Android (android.graphics.Color)	4282372750 (0xFF3FD28E)
YUV	158.2950, -8.0334, -83.5737
Hunter-Lab	70.0735, -46.2624, 20.7161

Details

The Decimal color **4182670** 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 **13778819**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8454084**, and **39515** is the 20% darker color. If you saturate the color by 10%, you get **2806404**, and if you desaturate by 10%, it is **5558936**.

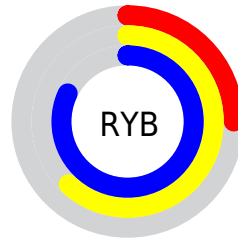
Distribution



Red (25%)

Green (82%)

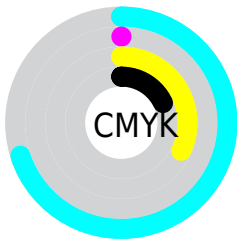
Blue (56%)



Red (25%)

Yellow (62%)

Blue (82%)

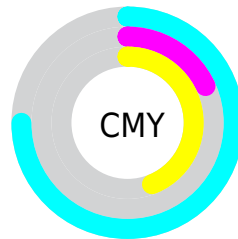


Cyan (70%)

Magenta (0%)

Yellow (32%)

Black (18%)



Cyan (75%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4182670 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 4182670 by changing the saturation by 10% instead.



4182670



4182670

16777215



702068



8454084



39515



10420192



32579



12451837



25900



14417919



19478



16383999



13312



7168



0



4182670



4182670

 2806404

 5558936

 1430139

 6935201

 53873


 8311467

 9687733

 11063999

 12440264

 13816530

 15192796

 16569061

Harmonies

Analogous

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



9685600



4182670



54726

Triad

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



4182670



7322879



16749947

Complementary

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



4182670



13778819

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.



16747439



4182670



13608959

Square

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



4182670



52223



16749285



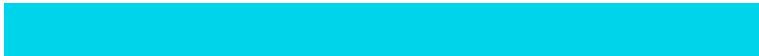
16427093

Rectangle

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



4182670



54506



16749285



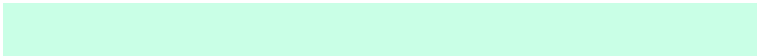
16748684

Sweetspot

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



4182670



13238246



8704575



6324337



0



8421504

Same Dimension

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



4182670



2752412



4181458



6187364



43098



10518

Inverse Universe

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



13778819



16722316



13780031



6905443



11010126



2686995

Previews

White Background



This preview shows how the Decimal color 4182670 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 4182670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

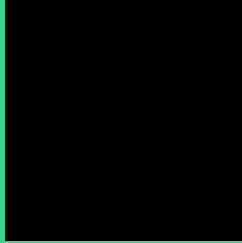
Any Text WCAG AA ✓ Pass

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 4182670 Background



This preview shows how black text looks on a background with the Decimal color 4182670.



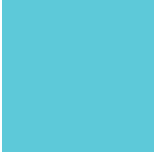
This preview shows how white text looks on a background with the Decimal color 4182670.

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](#).

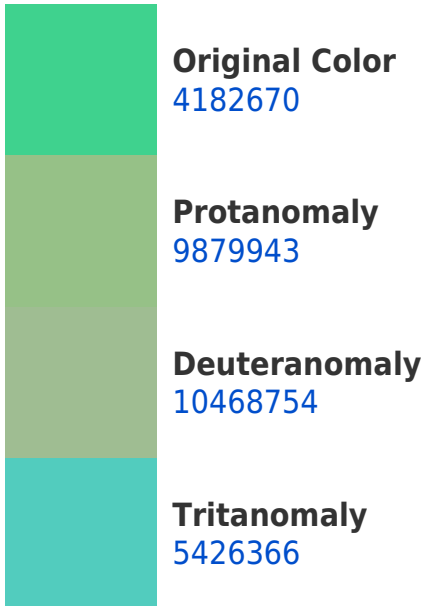
Dichromacy



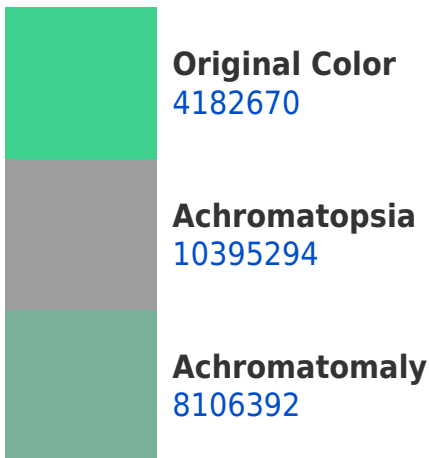


Tritanopia
6146521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4182670 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 #3FD28E looks like.

```
.text, #text, p{  
    color:#3FD28E  
}
```

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 #3FD28E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FD28E
}
```

Border

The CSS property to change the border of an element to Decimal 4182670 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
#3FD28E }
```

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

```
.border{ border-color:#3FD28E }
```

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

Here you see how a box with a 4 pixel #3FD28E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FD28E; -webkit-box-shadow:4px 4px  
4px 4px #3FD28E; box-shadow:4px 4px 4px  
4px #3FD28E }
```

Background

The CSS property to change the background color of an element to Decimal 4182670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FD28E }
```

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

```
.background{ background-color:#3FD28E }
```

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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