

Converting Colors

Decimal(5232043)

Have a look what the booklet for
Decimal(5232043) contains.

Decimal(5232043)	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(5232043)

Conversions

Conversions Part 1

Format	Color
Hex	4FD5AB
RGB	79, 213, 171
RGB Percent	31%, 84%, 67%
CMY	0.6902, 0.1647, 0.3294
CMYK	0.63, 0.00, 0.20, 0.16
HSL	161°, 61%, 57%
HSV	161°, 63%, 84%
XYZ	34.3694, 52.1910, 46.7905
YIQ	168.1460, -66.3820, -41.4700

Conversions

Conversions Part 2

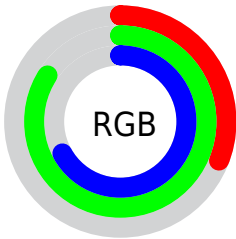
Format	Color
RYB	79, 158, 213
Decimal	5232043
CIELab	77.39, -46.35, 10.10
CIELCh	77, 47.435, 167.706
Yxy	52.1910, 0.2577, 0.3914
Android (android.graphics.Color)	4283422123 (0xFF4FD5AB)
YUV	168.1460, 1.4070, -78.1810
Hunter-Lab	72.2434, -41.5055, 12.1695

Details

The Decimal color **5232043** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **13979513**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **9306082**, and **40311** is the 20% darker color. If you saturate the color by 10%, you get **3855780**, and if you desaturate by 10%, it is **6608306**.

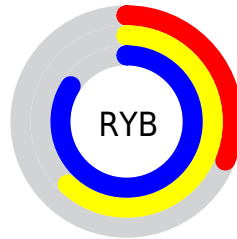
Distribution



Red (31%)

Green (84%)

Blue (67%)



Red (31%)

Yellow (62%)

Blue (84%)

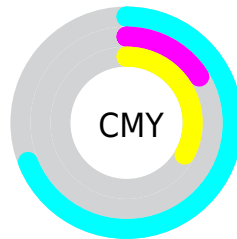


Cyan (63%)

Magenta (0%)

Yellow (20%)

Black (16%)



Cyan (69%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5232043 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 5232043 by changing the saturation by 10% instead.

 5232043


 5232043

16777215

 2800016

 9306082

 40311

 11272191

 33630

 13238271

 26950

 15204351

 20528

 14107

 8449

 0

 5232043

 5232043

■ 3855780

■ 6608306

■ 2413982

■ 8050104

■ 1037719

■ 9426367

■ 54674

■ 10802630

■ 12244428

■ 13620691

■ 14996954

■ 16373216

■ 16766439

Harmonies

Analogous

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



9424770



5232043



55000

Triad

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



5232043



11058175



16754560

Complementary

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



5232043



13979513

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.



16752039



5232043



14985979

Square

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



5232043



5360127



16752339



15447657

Rectangle

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



5232043



54516



16752339



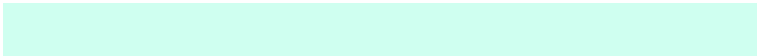
16753548

Sweetspot

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



5232043



13631472



7984463



6455414



0



8421504

Same Dimension

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



5232043



4259779



5225685



6318952



43893



11038

Inverse Universe

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



13979513



16728188



13985871



7037028



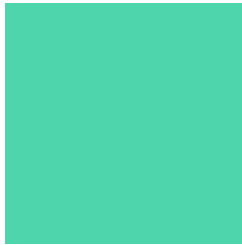
11206710



2818062

Previews

White Background



This preview shows how the Decimal color 5232043 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 5232043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

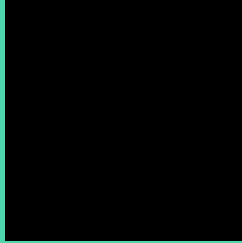
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

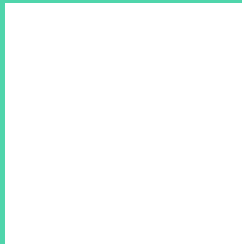
Any Text WCAG AAA ✓ Pass

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

Decimal 5232043 Background



This preview shows how black text looks on a background with the Decimal color 5232043.



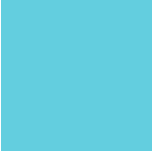
This preview shows how white text looks on a background with the Decimal color 5232043.

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
6541023

Trichromacy



Original Color
5232043



Protanomaly
10274467



Deuteranomaly
10797743

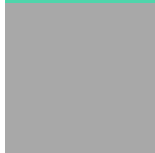


Tritanomaly
6083020

Monochromacy



Original Color
5232043



Achromatopsia
11053224



Achromatomaly
8960169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5232043 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 #4FD5AB looks like.

```
.text, #text, p{  
    color:#4FD5AB  
}
```

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 #4FD5AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD5AB
}
```

Border

The CSS property to change the border of an element to Decimal 5232043 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
#4FD5AB }
```

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

```
.border{ border-color:#4FD5AB }
```

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

Here you see how a box with a 4 pixel #4FD5AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD5AB; -webkit-box-shadow:4px 4px  
4px 4px #4FD5AB; box-shadow:4px 4px 4px  
4px #4FD5AB }
```

Background

The CSS property to change the background color of an element to Decimal 5232043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD5AB }
```

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

```
.background{ background-color:#4FD5AB }
```

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