

Converting Colors

Decimal(5230235)

Have a look what the booklet for
Decimal(5230235) contains.

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Color

Decimal(5230235)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FCE9B |
| RGB | 79, 206, 155 |
| RGB Percent | 31%, 81%, 61% |
| CMY | 0.6902, 0.1922, 0.3922 |
| CMYK | 0.62, 0.00, 0.25, 0.19 |
| HSL | 156°, 56%, 56% |
| HSV | 156°, 62%, 81% |
| XYZ | 31.2122, 48.1714, 38.6633 |
| YIQ | 162.2130, -59.3210, -42.7850 |

Conversions

Conversions Part 2

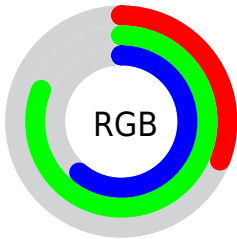
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 79, 158, 206 |
| Decimal | 5230235 |
| CIELab | 74.93, -47.00, 15.15 |
| CIELCh | 75, 49.378, 162.127 |
| Yxy | 48.1714, 0.2644, 0.4081 |
| Android (android.graphics.Color) | 4283420315 (0xFF4FCE9B) |
| YUV | 162.2130, -3.5560, -72.9778 |
| Hunter-Lab | 69.4056, -41.1873, 15.5557 |

Details

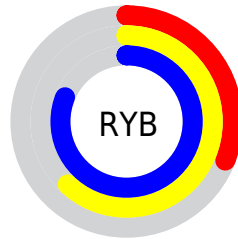
The Decimal color **5230235** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13520770**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **9174994**, and **38760** is the 20% darker color. If you saturate the color by 10%, you get **3853971**, and if you desaturate by 10%, it is **6606499**.

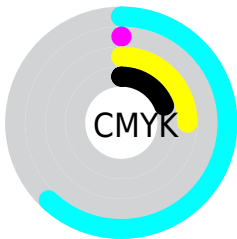
Distribution



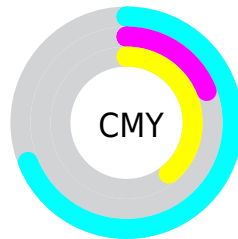
- Red (31%)
- Green (81%)
- Blue (61%)



- Red (31%)
- Yellow (62%)
- Blue (81%)



- Cyan (62%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (69%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5230235 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 5230235 by changing the saturation by 10% instead.



5230235



5230235

16777215



2929281



9174994



38760



11141102



31824



13107199



25144



15007743



18723



12813



6656



0



5230235



5230235

■ 3853971

■ 6606499

■ 2543242

■ 7917228

■ 1166978

■ 9293492

■ 52859

■ 10604220

■ 11980484

■ 13356749

■ 14667477

■ 16043741

■ 16764645

Harmonies

Analogous

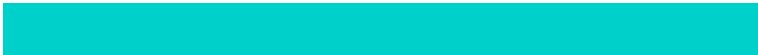
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9488243



5230235



53450

Triad

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



5230235



9484287



16751742

Complementary

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



5230235



13520770

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.



16749480



5230235



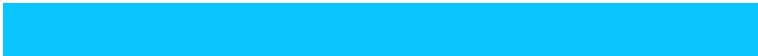
13936124

Square

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



5230235



771583



16750549



15445089

Rectangle

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



5230235



53223



16750549



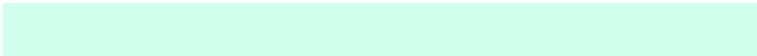
16750731

Sweetspot

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



5230235



13762541



8703567



6520948



0



8421504

Same Dimension

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



5230235



4390835



5227470



6055522



42595



9751

Inverse Universe

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



13520770



16728718



13523535



6708320



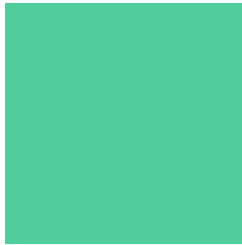
10879043



2490383

Previews

White Background



This preview shows how the Decimal color 5230235 looks on a white background.

Color Contrast Check

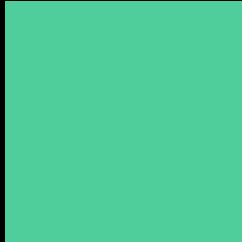
Large Text (above 18pt) WCAG AA × Fail

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 5230235 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 5230235 Background



This preview shows how black text looks on a background with the Decimal color 5230235.



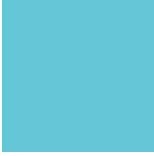
This preview shows how white text looks on a background with the Decimal color 5230235.

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
6604502

Trichromacy



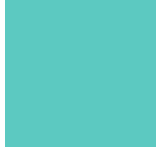
Original Color
5230235



Protanomaly
10076052



Deuteranomaly
10664863

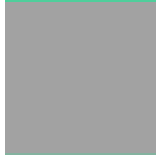


Tritanomaly
6080961

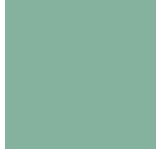
Monochromacy



Original Color
5230235



Achromatopsia
10658466



Achromatomaly
8696479

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5230235 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 #4FCE9B looks like.

```
.text, #text, p{  
    color:#4FCE9B  
}
```

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 #4FCE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCE9B
}
```

Border

The CSS property to change the border of an element to Decimal 5230235 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
#4FCE9B }
```

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

```
.border{ border-color:#4FCE9B }
```

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

Here you see how a box with a 4 pixel #4FCE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCE9B; -webkit-box-shadow:4px 4px  
4px 4px #4FCE9B; box-shadow:4px 4px 4px  
4px #4FCE9B }
```

Background

The CSS property to change the background color of an element to Decimal 5230235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCE9B }
```

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

```
.background{ background-color:#4FCE9B }
```

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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