

Converting Colors

Decimal(5096346)

Have a look what the booklet for
Decimal(5096346) contains.

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Color

Decimal(5096346)

Conversions

Conversions Part 1

Format	Color
Hex	4DC39A
RGB	77, 195, 154
RGB Percent	30%, 76%, 60%
CMY	0.6980, 0.2353, 0.3961
CMYK	0.61, 0.00, 0.21, 0.24
HSL	159°, 50%, 53%
HSV	159°, 61%, 76%
XYZ	28.4084, 42.9411, 37.3630
YIQ	155.0440, -57.1670, -37.7670

Conversions

Conversions Part 2

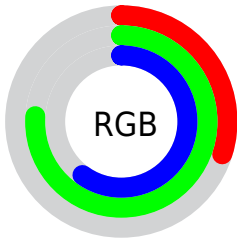
Format	Color
RYB	77, 148, 195
Decimal	5096346
CIELab	71.51, -42.92, 10.87
CIELCh	72, 44.272, 165.790
Yxy	42.9411, 0.2613, 0.3950
Android (android.graphics.Color)	4283286426 (0xFF4DC39A)
YUV	155.0440, -0.5147, -68.4446
Hunter-Lab	65.5294, -37.2930, 12.0651

Details

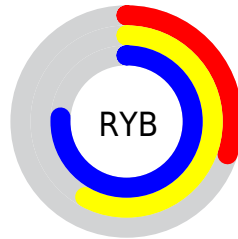
The Decimal color **5096346** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **12799350**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **8977616**, and **35943** is the 20% darker color. If you saturate the color by 10%, you get **3851155**, and if you desaturate by 10%, it is **6407073**.

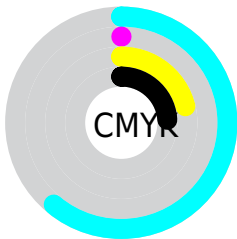
Distribution



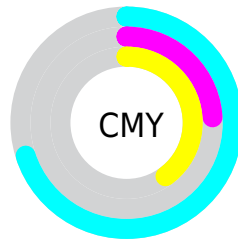
- Red (30%)
- Green (76%)
- Blue (60%)



- Red (30%)
- Yellow (58%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (70%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5096346 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 5096346 by changing the saturation by 10% instead.

 5096346

 5096346

16777215

 2860928

 8977616

 35943

 10878957


 29263

 12845055

 22840

 14745599

 16418

 11021

 2560

 0

 5096346

 5096346

■ 3851155

■ 6407073

■ 2540428

■ 7652264

■ 1229702

■ 8897454

■ 50047

■ 10208181

■ 11518908

■ 12764099

■ 14074825

■ 15320016

■ 16630743

Harmonies

Analogous

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



8830325



5096346



50372

Triad

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



5096346



9809149



15964279

Complementary

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



5096346



12799350

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.



16617371



5096346



13540840

Square

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



5096346



4504061



15831492



14263904

Rectangle

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



5096346



50141



15831492



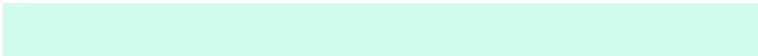
16356482

Sweetspot

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



5096346



13630701



7783245



6520950



0



8421504

Same Dimension

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



5096346



4521148



5091779



5726558



41321



8470

Inverse Universe

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



12799350



16532612



12803917



6379355



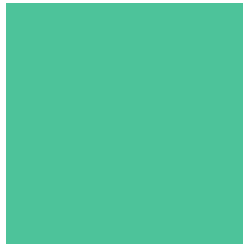
10551352



2162700

Previews

White Background



This preview shows how the Decimal color 5096346 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 5096346 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 5096346 Background



This preview shows how black text looks on a background with the Decimal color 5096346.



This preview shows how white text looks on a background with the Decimal color 5096346.

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



Trichromacy



Original Color
5096346



Protanomaly
9549459



Deuteranomaly
10072734



Tritanomaly
5816250

Monochromacy



Original Color
5096346



Achromatopsia
10197915



Achromatomaly
8366747

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5096346 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 #4DC39A looks like.

```
.text, #text, p{  
    color:#4DC39A  
}
```

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 #4DC39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC39A
}
```

Border

The CSS property to change the border of an element to Decimal 5096346 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
#4DC39A }
```

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

```
.border{ border-color:#4DC39A }
```

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

Here you see how a box with a 4 pixel #4DC39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC39A; -webkit-box-shadow:4px 4px  
4px 4px #4DC39A; box-shadow:4px 4px 4px  
4px #4DC39A }
```

Background

The CSS property to change the background color of an element to Decimal 5096346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC39A }
```

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

```
.background{ background-color:#4DC39A }
```

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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