

Converting Colors

Decimal(5170342)

Have a look what the booklet for
Decimal(5170342) contains.

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Color

Decimal(5170342)

Conversions

Conversions Part 1

Format	Color
Hex	4EE4A6
RGB	78, 228, 166
RGB Percent	31%, 89%, 65%
CMY	0.6941, 0.1059, 0.3490
CMYK	0.66, 0.00, 0.27, 0.11
HSL	155°, 74%, 60%
HSV	155°, 66%, 89%
XYZ	37.7682, 59.8597, 45.6399
YIQ	176.0820, -69.4980, -51.0820

Conversions

Conversions Part 2

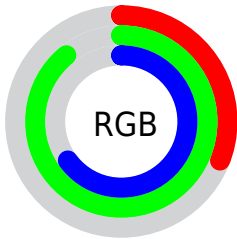
Format	Color
RYB	78, 173, 228
Decimal	5170342
CIELab	81.76, -53.80, 18.88
CIELCh	82, 57.011, 160.664
Yxy	59.8597, 0.2636, 0.4178
Android (android.graphics.Color)	4283360422 (0xFF4EE4A6)
YUV	176.0820, -4.9704, -86.0179
Hunter-Lab	77.3690, -48.2598, 19.1832

Details

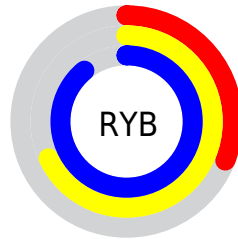
The Decimal color **5170342** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14962316**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **9371613**, and **43890** is the 20% darker color. If you saturate the color by 10%, you get **3663005**, and if you desaturate by 10%, it is **6677679**.

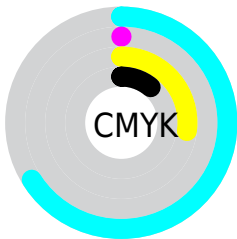
Distribution



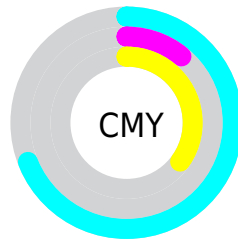
- Red (31%)
- Green (89%)
- Blue (65%)



- Red (31%)
- Yellow (68%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5170342 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 5170342 by changing the saturation by 10% instead.

 5170342

 5170342

16777215

 2475916

 9371613

 43890

 11337722

 36953


 13369343

 30273

 15335423

 23595

 17173

 11520

 3072

 0

■ 5170342

■ 5170342

■ 3663005

■ 6677679

■ 2155667

■ 8185017

■ 713866

■ 9626818

■ 58502

■ 11134156

■ 12641493

■ 14148831

■ 15656168

■ 16770289

■ 16770299

Harmonies

Analogous

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



10411127



5170342



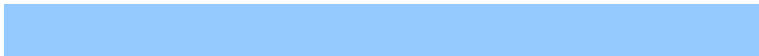
59357

Triad

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



5170342



9751295



16755080

Complementary

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



5170342



14962316

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.



16752314



5170342



15251199

Square

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



5170342



56063



16753904



16759909

Rectangle

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



5170342



58879



16753904



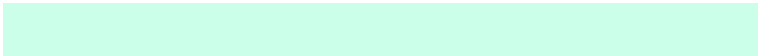
16753816

Sweetspot

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



5170342



13434858



9299022



6389875



0



8421504

Same Dimension

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



5170342



3604396



5167332



6779758



45929



13086

Inverse Universe

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



14962316



16725641



14965582



7563116



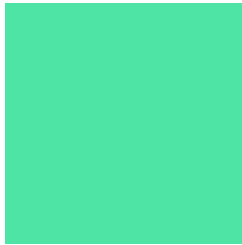
11731018



3342357

Previews

White Background



This preview shows how the Decimal color 5170342 looks on a white background.

Color Contrast Check

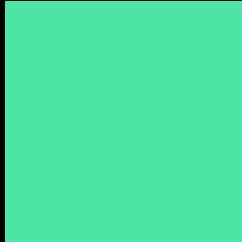
Large Text (above 18pt) WCAG AA × Fail

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 5170342 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 5170342 Background



This preview shows how black text looks on a background with the Decimal color 5170342.

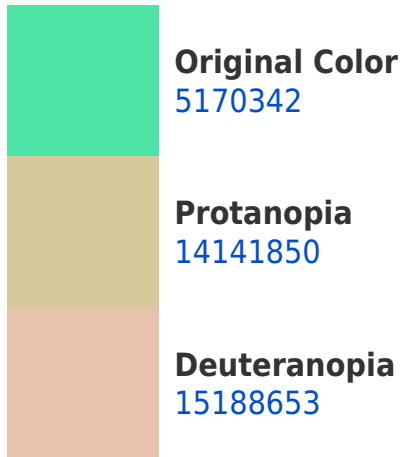


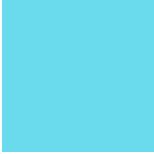
This preview shows how white text looks on a background with the Decimal color 5170342.

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
6937581

Trichromacy



Original Color

5170342



Protanomaly

10867614



Deuteranomaly

11521706



Tritanomaly

6282963

Monochromacy



Original Color

5170342



Achromatopsia

11579568



Achromatomaly

9225132

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5170342 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 #4EE4A6 looks like.

```
.text, #text, p{  
  color:#4EE4A6  
}
```

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 #4EE4A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE4A6
}
```

Border

The CSS property to change the border of an element to Decimal 5170342 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
#4EE4A6 }
```

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

```
.border{ border-color:#4EE4A6 }
```

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

Here you see how a box with a 4 pixel #4EE4A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE4A6; -webkit-box-shadow:4px 4px  
4px 4px #4EE4A6; box-shadow:4px 4px 4px  
4px #4EE4A6 }
```

Background

The CSS property to change the background color of an element to Decimal 5170342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE4A6 }
```

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

```
.background{ background-color:#4EE4A6 }
```

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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