

Converting Colors

Decimal(5170303)

Have a look what the booklet for
Decimal(5170303) contains.

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Color

Decimal(5170303)

Conversions

Conversions Part 1

Format	Color
Hex	4EE47F
RGB	78, 228, 127
RGB Percent	31%, 89%, 50%
CMY	0.6941, 0.1059, 0.5020
CMYK	0.66, 0.00, 0.44, 0.11
HSL	140°, 74%, 60%
HSV	140°, 66%, 89%
XYZ	34.7161, 58.6388, 29.5674
YIQ	171.6360, -56.9790, -63.2110

Conversions

Conversions Part 2

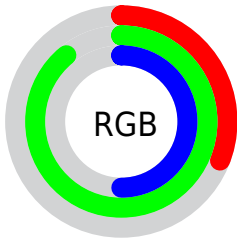
Format	Color
RYB	78, 191, 228
Decimal	5170303
CIELab	81.09, -61.09, 37.89
CIElCh	81, 71.887, 148.194
Yxy	58.6388, 0.2824, 0.4770
Android (android.graphics.Color)	4283360383 (0xFF4EE47F)
YUV	171.6360, -22.0055, -82.1188
Hunter-Lab	76.5760, -53.0842, 30.7102

Details

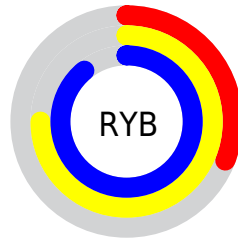
The Decimal color **5170303** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14962355**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9371573**, and **43852** is the 20% darker color. If you saturate the color by 10%, you get **3662960**, and if you desaturate by 10%, it is **6677646**.

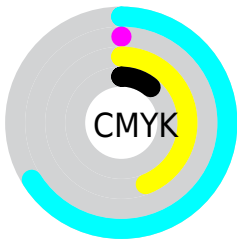
Distribution



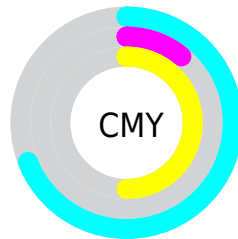
- Red (31%)
- Green (89%)
- Blue (50%)



- Red (31%)
- Yellow (75%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5170303 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 5170303 by changing the saturation by 10% instead.

 5170303

 5170303

16777215

 2475877

 9371573

 43852

 11403217

 36915

 13369326

 29978

 15335423

 23296

 16896

 11008

 1792

 0

■ 5170303

■ 5170303

■ 3662960

■ 6677646

■ 2155616

■ 8184990

■ 713809

■ 9626797

■ 58442

■ 11134140

■ 12641484

■ 14148827

■ 15656170

■ 16770298

■ 16770303

Harmonies

Analogous

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



11458633



5170303



59843

Triad

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



5170303



54015



16749198

Complementary

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



5170303



14962355

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.



16747472



5170303



12827135

Square

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



5170303



58111



16752127



16755542

Rectangle

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



5170303



60145



16752127



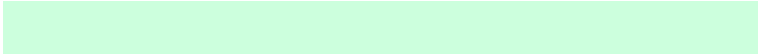
16747939

Sweetspot

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



5170303



13434845



11920462



6389867



0



8421504

Same Dimension

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



5170303



3604343



5170377



6779755



45882



13073

Inverse Universe

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



14962355



16725693



14962282



7563119



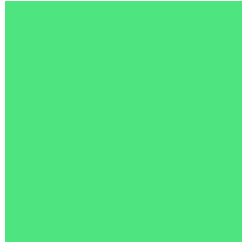
11731064



3342370

Previews

White Background



This preview shows how the Decimal color 5170303 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 5170303 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 5170303 Background



This preview shows how black text looks on a background with the Decimal color 5170303.

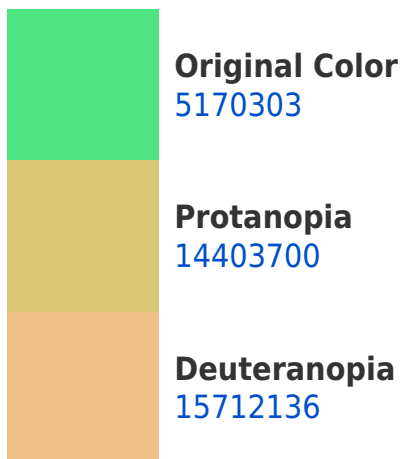


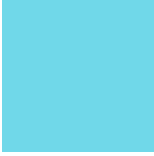
This preview shows how white text looks on a background with the Decimal color 5170303.

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](#).

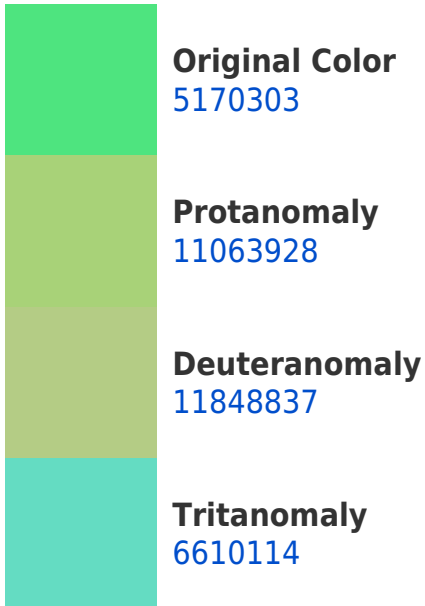
Dichromacy





Tritanopia
7395561

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5170303 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 #4EE47F looks like.

```
.text, #text, p{  
    color:#4EE47F  
}
```

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 #4EE47F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE47F
}
```

Border

The CSS property to change the border of an element to Decimal 5170303 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
#4EE47F }
```

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

```
.border{ border-color:#4EE47F }
```

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

Here you see how a box with a 4 pixel #4EE47F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE47F; -webkit-box-shadow:4px 4px  
4px 4px #4EE47F; box-shadow:4px 4px 4px  
4px #4EE47F }
```

Background

The CSS property to change the background color of an element to Decimal 5170303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE47F }
```

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

```
.background{ background-color:#4EE47F }
```

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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