

Converting Colors

Decimal(5629339)

Have a look what the booklet for
Decimal(5629339) contains.

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Color

Decimal(5629339)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 55E59B |
| RGB | 85, 229, 155 |
| RGB Percent | 33%, 90%, 61% |
| CMY | 0.6667, 0.1020, 0.3922 |
| CMYK | 0.63, 0.00, 0.32, 0.10 |
| HSL | 149°, 73%, 62% |
| HSV | 149°, 63%, 90% |
| XYZ | 37.6820, 60.3365, 40.6704 |
| YIQ | 177.5080, -62.0700, -53.5420 |

Conversions

Conversions Part 2

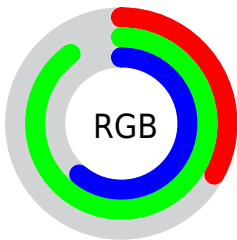
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 85, 182, 229 |
| Decimal | 5629339 |
| CIELab | 82.02, -55.19, 24.97 |
| CIELCh | 82, 60.575, 155.660 |
| Yxy | 60.3365, 0.2717, 0.4350 |
| Android (android.graphics.Color) | 4283819419 (0xFF55E59B) |
| YUV | 177.5080, -11.0964, -81.1295 |
| Hunter-Lab | 77.6766, -49.3411, 23.3301 |

Details

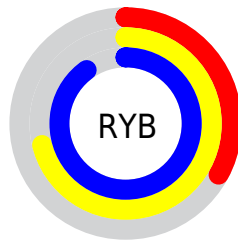
The Decimal color **5629339** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **15029663**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **9699282**, and **44135** is the 20% darker color. If you saturate the color by 10%, you get **4121999**, and if you desaturate by 10%, it is **7136679**.

Distribution



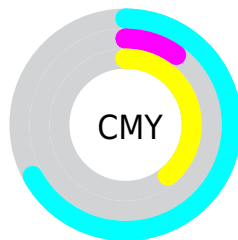
- Red (33%)
- Green (90%)
- Blue (61%)



- Red (33%)
- Yellow (71%)
- Blue (90%)



- Cyan (63%)
- Magenta (0%)
- Yellow (32%)
- Black (10%)



- Cyan (67%)
- Magenta (10%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5629339 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 5629339 by changing the saturation by 10% instead.

5629339

5629339

16777215

3197057

9699282

44135

11730926

37199

13697023

30263

15663103

23841

17418

11520

3328

0

■ 5629339

■ 5629339

■ 4121999

■ 7136679

■ 2614659

■ 8644019

■ 1107320

■ 10151358

■ 58735

■ 11658698

■ 13166038

■ 14607842

■ 16115181

■ 16770553

■ 16770559

Harmonies

Analogous

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



11000940



5629339



59861

Triad

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



5629339



8048383



16753805

Complementary

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



5629339



15029663

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.



16751555



5629339



14596607

Square

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



5629339



57087



16753916



16758884

Rectangle

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



5629339



59643



16753916



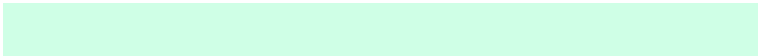
16752542

Sweetspot

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



5629339



13631462



10478933



6455408



0



8421504

Same Dimension

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



5629339



4259741



5629411



6779757



45911



13081

Inverse Universe

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



15029663



16728226



15029591



7563117



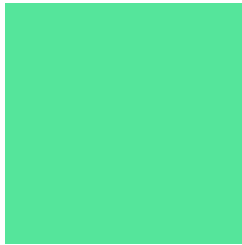
11731036



3342362

Previews

White Background



This preview shows how the Decimal color 5629339 looks on a white background.

Color Contrast Check

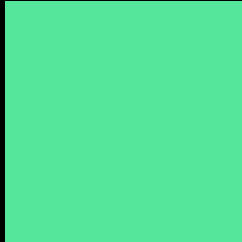
Large Text (above 18pt) WCAG AA × Fail

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 5629339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

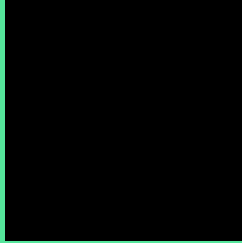
Any Text WCAG AA ✓ Pass

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 5629339 Background



This preview shows how black text looks on a background with the Decimal color 5629339.

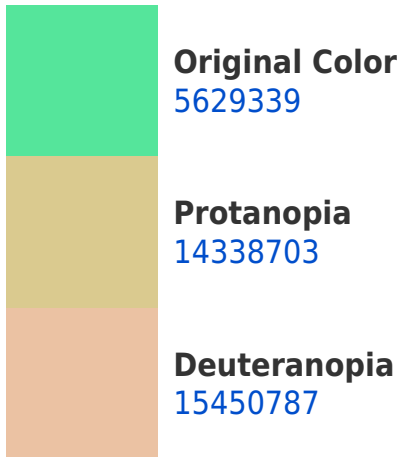


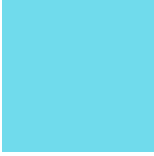
This preview shows how white text looks on a background with the Decimal color 5629339.

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



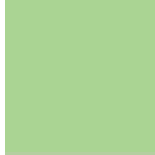


Tritanopia
7396332

Trichromacy



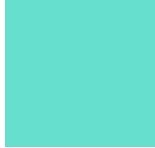
Original Color
5629339



Protanomaly
11195539



Deuteranomaly
11849632



Tritanomaly
6741967

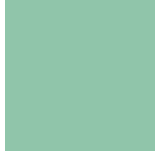
Monochromacy



Original Color
5629339



Achromatopsia
11711154



Achromatomaly
9487786

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5629339 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 #55E59B looks like.

```
.text, #text, p{  
    color:#55E59B  
}
```

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 #55E59B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55E59B
}
```

Border

The CSS property to change the border of an element to Decimal 5629339 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
#55E59B }
```

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

```
.border{ border-color:#55E59B }
```

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

Here you see how a box with a 4 pixel #55E59B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55E59B; -webkit-box-shadow:4px 4px  
4px 4px #55E59B; box-shadow:4px 4px 4px  
4px #55E59B }
```

Background

The CSS property to change the background color of an element to Decimal 5629339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55E59B }
```

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

```
.background{ background-color:#55E59B }
```

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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