

Converting Colors

Decimal(3523739)

Have a look what the booklet for
Decimal(3523739) contains.

Decimal(3523739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3523739)

Conversions

Conversions Part 1

Format	Color
Hex	35C49B
RGB	53, 196, 155
RGB Percent	21%, 77%, 61%
CMY	0.7922, 0.2314, 0.3922
CMYK	0.73, 0.00, 0.21, 0.23
HSL	163°, 57%, 49%
HSV	163°, 73%, 77%
XYZ	27.1245, 42.6033, 37.8040
YIQ	148.5690, -72.0670, -43.0670

Conversions

Conversions Part 2

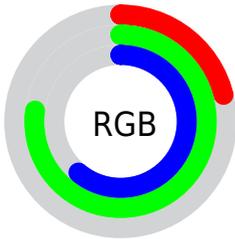
Format	Color
RYB	53, 136, 196
Decimal	3523739
CIELab	71.28, -47.04, 9.92
CIELCh	71, 48.075, 168.089
Yxy	42.6033, 0.2522, 0.3962
Android (android.graphics.Color)	4281713819 (0xFF35C49B)
YUV	148.5690, 3.1705, -83.8140
Hunter-Lab	65.2712, -40.0460, 11.3501

Details

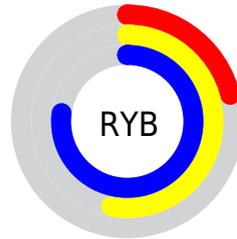
The Decimal color **3523739** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **12858718**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **7863761**, and **36200** is the 20% darker color. If you saturate the color by 10%, you get **2213013**, and if you desaturate by 10%, it is **4834465**.

Distribution



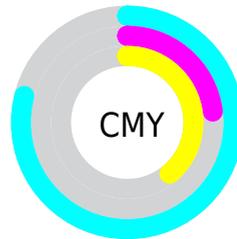
- Red (21%)
- Green (77%)
- Blue (61%)



- Red (21%)
- Yellow (53%)
- Blue (77%)



- Cyan (73%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)



- Cyan (79%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3523739 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 3523739 by changing the saturation by 10% instead.



3523739



3523739

16777215



43137



7863761



36200



9895918



29520



11862015



22841



13828095



16675



15794175



11022



2304



0



3523739



3523739

■ 2213013

■ 4834465

■ 967824

■ 6079654

■ 50316

■ 7390380

■ 8635569

■ 9946295

■ 11257021

■ 12502210

■ 13812936

■ 15058126

Harmonies

Analogous

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



8240754



3523739



50632

Triad

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



3523739



9939711



16160367

Complementary

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



3523739



12858718

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.



16747414



3523739



13933033

Square

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



3523739



3389695



16223426



14198360

Rectangle

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



3523739



50147



16223426



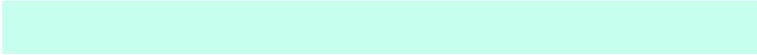
16552571

Sweetspot

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



3523739



13107183



6341685



6193270



0



8421504

Same Dimension

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



3523739



2097087



3516356



5726558



41331



8472

Inverse Universe

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



12858718



16719711



12866101



6379354



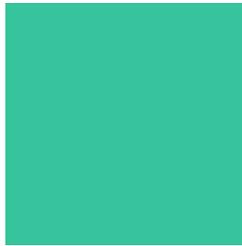
10551342



2162698

Previews

White Background



This preview shows how the Decimal color 3523739 looks on a white background.

Color Contrast Check

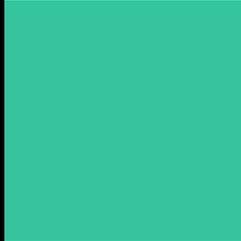
Large Text (above 18pt) WCAG AA × Fail

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 3523739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

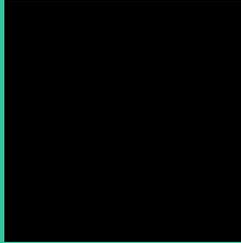
Any Text WCAG AA ✓ Pass

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 3523739 Background



This preview shows how black text looks on a background with the Decimal color 3523739.



This preview shows how white text looks on a background with the Decimal color 3523739.

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
5094861

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3523739 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 #35C49B looks like.

```
.text, #text, p{  
    color:#35C49B  
}
```

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 #35C49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C49B
}
```

Border

The CSS property to change the border of an element to Decimal 3523739 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
#35C49B }
```

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

```
.border{ border-color:#35C49B }
```

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

Here you see how a box with a 4 pixel #35C49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C49B; -webkit-box-shadow:4px 4px  
4px 4px #35C49B; box-shadow:4px 4px 4px  
4px #35C49B }
```

Background

The CSS property to change the background color of an element to Decimal 3523739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C49B }
```

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

```
.background{ background-color:#35C49B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor