

# Converting Colors

Decimal(3529149)

Have a look what the booklet for  
Decimal(3529149) contains.

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# Color

**Decimal(3529149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35D9BD
RGB	53, 217, 189
RGB Percent	21%, 85%, 74%
CMY	0.7922, 0.1490, 0.2588
CMYK	0.76, 0.00, 0.13, 0.15
HSL	170°, 68%, 53%
HSV	170°, 76%, 85%
XYZ	35.4664, 54.0567, 56.7088
YIQ	164.7720, -88.7560, -43.4760

# Conversions

## Conversions Part 2

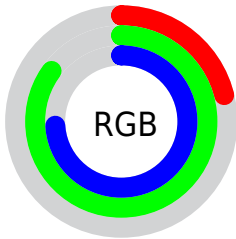
Format	Color
<a href="#">RYB</a>	<a href="#">53, 143, 217</a>
Decimal	<a href="#">3529149</a>
CIELab	<a href="#">78.49, -47.34, 2.01</a>
CIELCh	<a href="#">78, 47.381, 177.571</a>
Yxy	<a href="#">54.0567, 0.2425, 0.3697</a>
Android (android.graphics.Color)	<a href="#">4281719229 (0xFF35D9BD)</a>
YUV	<a href="#">164.7720, 11.9444, -98.0240</a>
Hunter-Lab	<a href="#">73.5233, -42.5604, 5.7356</a>

# Details

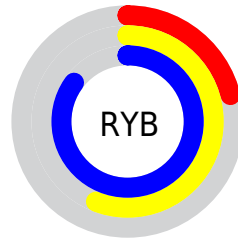
The Decimal color **3529149** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14234961**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **8257525**, and **41352** is the 20% darker color. If you saturate the color by 10%, you get **2087353**, and if you desaturate by 10%, it is **4970945**.

# Distribution



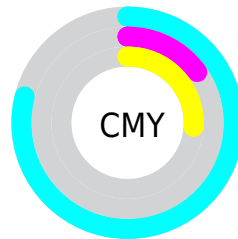
- Red (21%)
- Green (85%)
- Blue (74%)



- Red (21%)
- Yellow (56%)
- Blue (85%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)



- Cyan (79%)
- Magenta (15%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3529149 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 3529149 by changing the saturation by 10% instead.





3529149



3529149

16777215



48546



8257525



41352



10289151



34414



12320767



27734



14352383



21311



16383999



14889



9237



0



3529149



3529149

■ 2087353

■ 4970945

■ 711094

■ 6347204

■ 55732

■ 7789000

■ 9230796

■ 10672592

■ 12048851

■ 13490647

■ 14932443

■ 16308702

# Harmonies

## Analogous

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



8377745



3529149



55786

# Triad

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



3529149



12695807



16756601

# Complementary

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



3529149



14234961

# 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.



16753308



3529149



16165106

# Square

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



3529149



7719167



16752584



14794345

# Rectangle

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



3529149



54783



16752584



16755331

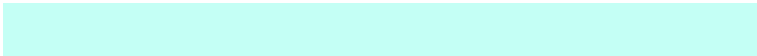


# Sweetspot

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



3529149



12910581



5495093



6062201



0



8421504



# Same Dimension

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



3529149



1572823



3515865



6516332



44432



11814



# Inverse Universe

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



14234961



16717631



14248245



7234405



11337758

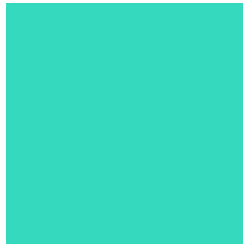


3014664



# Previews

## White Background



This preview shows how the Decimal color 3529149 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 3529149 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

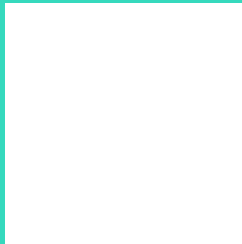
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3529149 Background



This preview shows how black text looks on a background with the Decimal color 3529149.



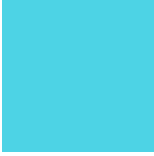
This preview shows how white text looks on a background with the Decimal color 3529149.

# 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



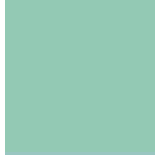


**Tritanopia**  
5100517

# Trichromacy



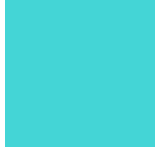
**Original Color**  
3529149



**Protanomaly**  
9685428



**Deuteranomaly**  
10077889



**Tritanomaly**  
4511190

# Monochromacy



**Original Color**  
3529149



**Achromatopsia**  
10855845



**Achromatomaly**  
8173742

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3529149 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 #35D9BD looks like.

```
.text, #text, p{  
    color:#35D9BD  
}
```

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 #35D9BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D9BD
}
```

## Border

The CSS property to change the border of an element to Decimal 3529149 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
#35D9BD }
```

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

```
.border{ border-color:#35D9BD }
```

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

Here you see how a box with a 4 pixel #35D9BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D9BD; -webkit-box-shadow:4px 4px  
4px 4px #35D9BD; box-shadow:4px 4px 4px  
4px #35D9BD }
```

# Background

The CSS property to change the background color of an element to Decimal 3529149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D9BD }
```

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

```
.background{ background-color:#35D9BD }
```

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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