

# Converting Colors

Decimal(3399290)

Have a look what the booklet for  
Decimal(3399290) contains.

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# **Color**

**Decimal(3399290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33DE7A
RGB	51, 222, 122
RGB Percent	20%, 87%, 48%
CMY	0.8000, 0.1294, 0.5216
CMYK	0.77, 0.00, 0.45, 0.13
HSL	145°, 72%, 54%
HSV	145°, 77%, 87%
XYZ	30.9994, 54.3515, 27.2694
YIQ	159.4710, -69.8160, -67.3520

# Conversions

## Conversions Part 2

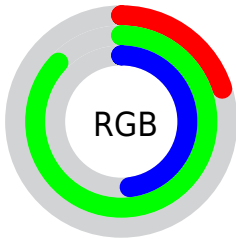
Format	Color
<a href="#">RYB</a>	<a href="#">51, 172, 222</a>
Decimal	<a href="#">3399290</a>
CIELab	<a href="#">78.67, -63.87, 37.15</a>
CIELCh	<a href="#">79, 73.891, 149.816</a>
Yxy	<a href="#">54.3515, 0.2753, 0.4826</a>
Android (android.graphics.Color)	<a href="#">4281589370 (0xFF33DE7A)</a>
YUV	<a href="#">159.4710, -18.4732, -95.1291</a>
Hunter-Lab	<a href="#">73.7235, -53.9601, 29.6758</a>

# Details

The Decimal color **3399290** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **14562199**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **8126384**, and **42311** is the 20% darker color. If you saturate the color by 10%, you get **1957485**, and if you desaturate by 10%, it is **4841095**.

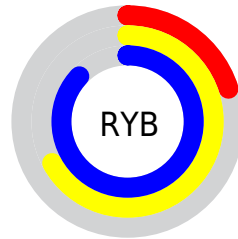
# Distribution



Red (20%)

Green (87%)

Blue (48%)



Red (20%)

Yellow (67%)

Blue (87%)

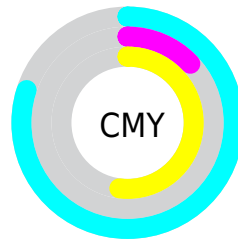


Cyan (77%)

Magenta (0%)

Yellow (45%)

Black (13%)



Cyan (80%)

Magenta (13%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3399290 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 3399290 by changing the saturation by 10% instead.



 3399290

 3399290

16777215

 49504

 8126384

 42311

 10223563

 35375

 12255208

 28437

 14221311

 21760

 16252927

 15616

 9216

 0

 3399290

 3399290

■ 1957485

■ 4841095

■ 515680

■ 6282900

■ 56924

■ 7790241

■ 9232046

■ 10673851

■ 12115656

■ 13557461

■ 15064802

■ 16506607

# Harmonies

## Analogous

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



10670656



3399290



58304

# Triad

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



3399290



52223



16747138

# Complementary

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



3399290



14562199

# 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.



16744902



3399290



12694015

# Square

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



3399290



56319



16749567



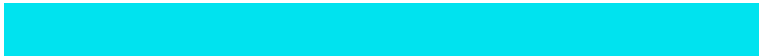
16753993

# Rectangle

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



3399290



58351



16749567



16745624

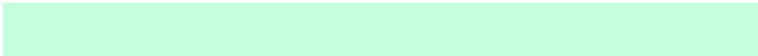


# Sweetspot

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



3399290



12910557



10149427



6062187



0



8421504



# Same Dimension

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



3399290



1376118



3399373



6647914



45129



12308



# Inverse Universe

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



14562199



16716958



14562116



7365996



11534439



3145756



# Previews

## White Background



This preview shows how the Decimal color 3399290 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 3399290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

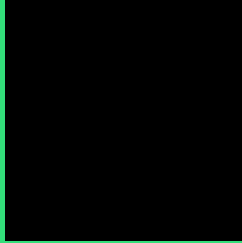
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3399290 Background



This preview shows how black text looks on a background with the Decimal color 3399290.

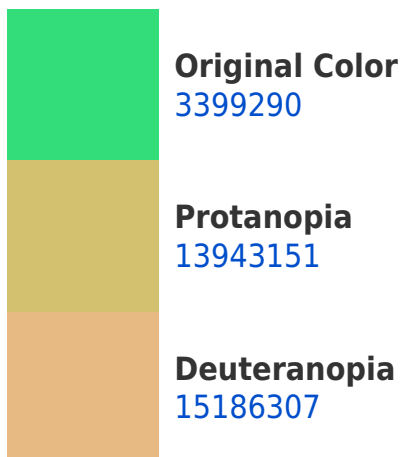


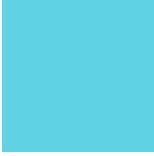
This preview shows how white text looks on a background with the Decimal color 3399290.

# 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





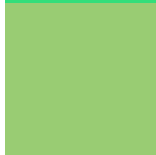
**Tritanopia**  
6279907

# Trichromacy



**Original Color**

3399290



**Protanomaly**

10079347



**Deuteranomaly**

10929792



**Tritanomaly**

5232317

# Monochromacy



**Original Color**

3399290



**Achromatopsia**

10461087



**Achromatomaly**

7911058

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3399290 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 #33DE7A looks like.

```
.text, #text, p{  
    color:#33DE7A  
}
```

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 #33DE7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33DE7A
}
```

## Border

The CSS property to change the border of an element to Decimal 3399290 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
#33DE7A }
```

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

```
.border{ border-color:#33DE7A }
```

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

Here you see how a box with a 4 pixel #33DE7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33DE7A; -webkit-box-shadow:4px 4px  
4px 4px #33DE7A; box-shadow:4px 4px 4px  
4px #33DE7A }
```

# Background

The CSS property to change the background color of an element to Decimal 3399290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33DE7A }
```

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

```
.background{ background-color:#33DE7A }
```

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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