

# Converting Colors

Decimal(3386751)

Have a look what the booklet for  
Decimal(3386751) contains.

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# Color

**Decimal(3386751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33AD7F
RGB	51, 173, 127
RGB Percent	20%, 68%, 50%
CMY	0.8000, 0.3216, 0.5020
CMYK	0.71, 0.00, 0.27, 0.32
HSL	157°, 54%, 44%
HSV	157°, 71%, 68%
XYZ	20.1396, 32.1233, 25.2176
YIQ	131.2780, -57.9460, -40.1700

# Conversions

## Conversions Part 2

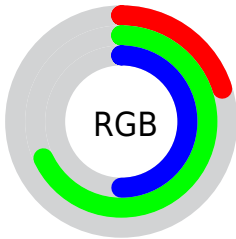
Format	Color
<a href="#">RYB</a>	<a href="#">51, 126, 173</a>
Decimal	<a href="#">3386751</a>
CIELab	<a href="#">63.44, -44.35, 14.15</a>
CIELCh	<a href="#">63, 46.551, 162.303</a>
Yxy	<a href="#">32.1233, 0.2599, 0.4146</a>
Android (android.graphics.Color)	<a href="#">4281576831 (0xFF33AD7F)</a>
YUV	<a href="#">131.2780, -2.1091, -70.4038</a>
Hunter-Lab	<a href="#">56.6774, -35.7577, 13.2941</a>

# Details

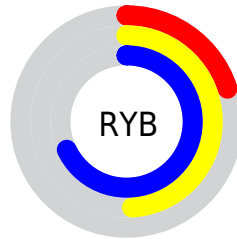
The Decimal color **3386751** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11350881**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **7464372**, and **30798** is the 20% darker color. If you saturate the color by 10%, you get **2272632**, and if you desaturate by 10%, it is **4500870**.

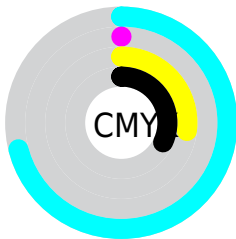
# Distribution



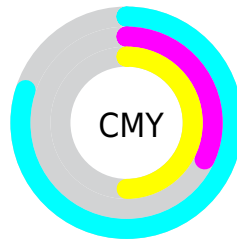
- Red (20%)
- Green (68%)
- Blue (50%)



- Red (20%)
- Yellow (49%)
- Blue (68%)



- Cyan (71%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)



- Cyan (80%)
- Magenta (32%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3386751 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 3386751 by changing the saturation by 10% instead.



 3386751

 3386751

16777215

 37478

 7464372

 30798

 9371599

 24119

 11272172

 17697

 13238271

 11788

 15138815

 5120

 0

 3386751

 3386751

 2272632

 4500870

■ 1092978

■ 5680524

■ 44396

■ 6794643

■ 7908761

■ 9088416

■ 10202534

■ 11316653

■ 12430771

■ 13610426

# Harmonies

## Analogous

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



7645018



3386751



44970

# Triad

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



3386751



7575787



14712932

# Complementary

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



3386751



11350881

# 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.



15234954



3386751



11765975

# Square

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



3386751



42472



14318260



13078346

# Rectangle

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



3386751



44741



14318260



15039600



# Sweetspot

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



3386751



11657423



6466867



5533798



15790320



7368816



# Same Dimension

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



3386751



2285720



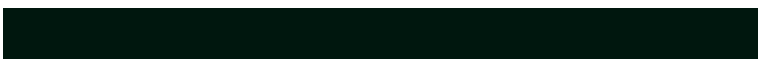
3383213



5134163



38494



5902



# Inverse Universe

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



11350881



14688874



11354419



5721681



9830457



1507337



# Previews

## White Background



This preview shows how the Decimal color 3386751 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 3386751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

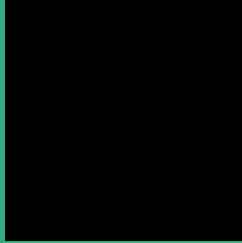
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 3386751 Background



This preview shows how black text looks on a background with the Decimal color 3386751.



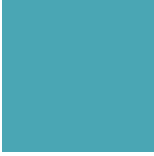
This preview shows how white text looks on a background with the Decimal color 3386751.

# 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



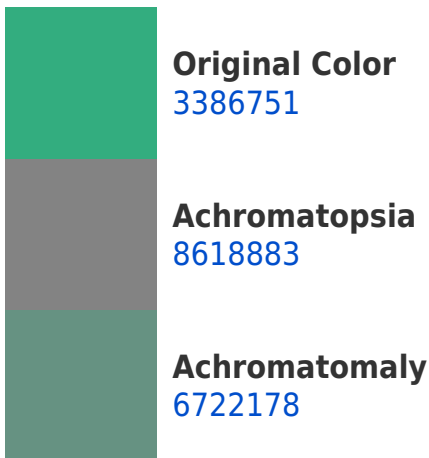


**Tritanopia**  
4892340

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3386751 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 #33AD7F looks like.

```
.text, #text, p{  
  color:#33AD7F  
}
```

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 #33AD7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33AD7F
}
```

## Border

The CSS property to change the border of an element to Decimal 3386751 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
#33AD7F }
```

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

```
.border{ border-color:#33AD7F }
```

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

Here you see how a box with a 4 pixel #33AD7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33AD7F; -webkit-box-shadow:4px 4px  
4px 4px #33AD7F; box-shadow:4px 4px 4px  
4px #33AD7F }
```

# Background

The CSS property to change the background color of an element to Decimal 3386751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33AD7F }
```

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

```
.background{ background-color:#33AD7F }
```

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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