

# Converting Colors

Decimal(4184951)

Have a look what the booklet for  
Decimal(4184951) contains.

<b>Decimal(4184951)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(4184951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FDB77
RGB	63, 219, 119
RGB Percent	25%, 86%, 47%
CMY	0.7529, 0.1412, 0.5333
CMYK	0.71, 0.00, 0.46, 0.14
HSL	142°, 68%, 55%
HSV	142°, 71%, 86%
XYZ	30.7112, 53.0517, 26.0741
YIQ	160.9560, -60.8760, -64.1720

# Conversions

## Conversions Part 2

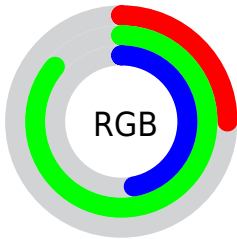
Format	Color
<a href="#">RYB</a>	<a href="#">63, 178, 219</a>
Decimal	<a href="#">4184951</a>
CIELab	<a href="#">77.91, -61.66, 37.71</a>
CIELCh	<a href="#">78, 72.279, 148.553</a>
Yxy	<a href="#">53.0517, 0.2796, 0.4830</a>
Android (android.graphics.Color)	<a href="#">4282375031 (0xFF3FDB77)</a>
YUV	<a href="#">160.9560, -20.6843, -85.9074</a>
Hunter-Lab	<a href="#">72.8366, -52.2004, 29.7609</a>

# Details

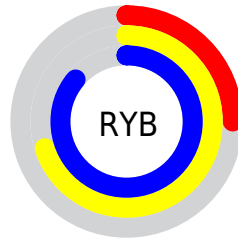
The Decimal color **4184951** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **14368675**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **8585132**, and **41796** is the 20% darker color. If you saturate the color by 10%, you get **2743145**, and if you desaturate by 10%, it is **5626757**.

# Distribution



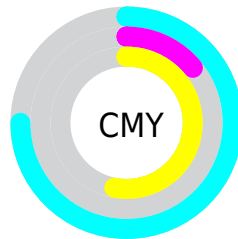
- Red (25%)
- Green (86%)
- Blue (47%)



- Red (25%)
- Yellow (70%)
- Blue (86%)



- Cyan (71%)
- Magenta (0%)
- Yellow (46%)
- Black (14%)



- Cyan (75%)
- Magenta (14%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4184951 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 4184951 by changing the saturation by 10% instead.





4184951



4184951

16777215



179805



8585132



41796



10616776



34604



12582885



27922



14614527



21248



16580607



15104



8960



0



4184951



4184951

 2743145

 5626757

 1301339

 7068563

 56143

 8510369

 9952175

 11393981

 12770251

 14212057

 15653863

 16767989

# Harmonies

## Analogous

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



10800959



4184951



57531

# Triad

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



4184951



51711



16746884

# Complementary

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



4184951



14368675

# 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.



16744903



4184951



12300543

# Square

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



4184951



55807



16749567



16753229

# Rectangle

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



4184951



57833



16749567



16745626

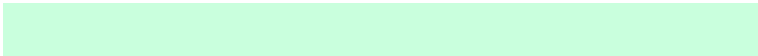


# Sweetspot

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



4184951



13238237



10804031



6324331



0



8421504



# Same Dimension

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



4184951



2555764



4185028



6516327



44350



11792



# Inverse Universe

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



14368675



16721585



14368598



7234410



11337839



3014685



# Previews

## White Background



This preview shows how the Decimal color 4184951 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 4184951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

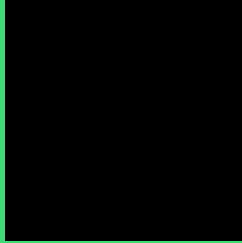
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4184951 Background



This preview shows how black text looks on a background with the Decimal color 4184951.

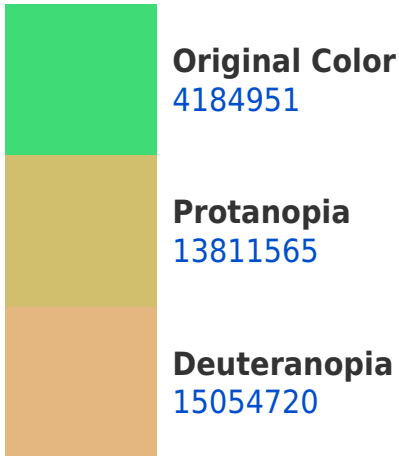


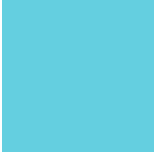
This preview shows how white text looks on a background with the Decimal color 4184951.

# 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**  
6606816

# Trichromacy



**Original Color**  
4184951



**Protanomaly**  
10340721



**Deuteranomaly**  
11125885



**Tritanomaly**  
5755834

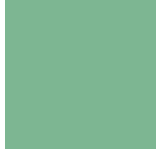
# Monochromacy



**Original Color**  
4184951



**Achromatopsia**  
10592673



**Achromatomaly**  
8238738

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4184951 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 #3FDB77 looks like.

```
.text, #text, p{  
  color:#3FDB77  
}
```

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 #3FDB77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FDB77
}
```

## Border

The CSS property to change the border of an element to Decimal 4184951 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
#3FDB77 }
```

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

```
.border{ border-color:#3FDB77 }
```

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

Here you see how a box with a 4 pixel #3FDB77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FDB77; -webkit-box-shadow:4px 4px  
4px 4px #3FDB77; box-shadow:4px 4px 4px  
4px #3FDB77 }
```

# Background

The CSS property to change the background color of an element to Decimal 4184951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FDB77 }
```

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

```
.background{ background-color:#3FDB77 }
```

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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