

# Converting Colors

Decimal(7187067)

Have a look what the booklet for  
Decimal(7187067) contains.

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# **Color**

**Decimal(7187067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DAA7B
RGB	109, 170, 123
RGB Percent	43%, 67%, 48%
CMY	0.5725, 0.3333, 0.5176
CMYK	0.36, 0.00, 0.28, 0.33
HSL	134°, 26%, 55%
HSV	134°, 36%, 67%
XYZ	24.2566, 33.4307, 23.9132
YIQ	146.4030, -21.2690, -27.5490

# Conversions

## Conversions Part 2

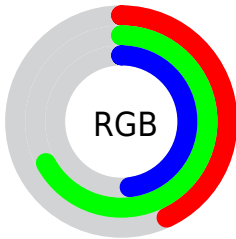
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 159, 170
Decimal	7187067
CIELab	64.51, -29.87, 18.14
CIELCh	65, 34.944, 148.727
Yxy	33.4307, 0.2973, 0.4097
Android (android.graphics.Color)	4285377147 (0xFF6DAA7B)
YUV	146.4030, -11.5377, -32.8024
Hunter-Lab	57.8193, -26.2989, 15.9520

# Details

The Decimal color **7187067** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11169180**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **10674864**, and **3831114** is the 20% darker color. If you saturate the color by 10%, you get **6072942**, and if you desaturate by 10%, it is **8301192**.

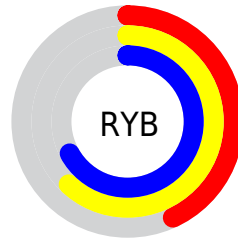
# Distribution



Red (43%)

Green (67%)

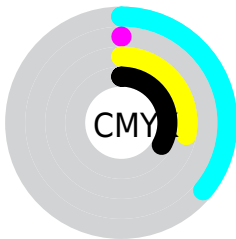
Blue (48%)



Red (43%)

Yellow (62%)

Blue (67%)

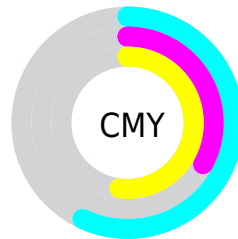


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7187067 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 7187067 by changing the saturation by 10% instead.





7187067



7187067

16777215



5476194



10674864



3831114



12517067



2120755



14417895



17437



16252927



11526



6144



0



7187067



7187067



6072942



8301192

■ 4958817

■ 9415317

■ 3844692

■ 10529442

■ 2730567

■ 11643567

■ 1616442

■ 12757692

■ 502316

■ 13871818

■ 43559

■ 14985943

■ 16100068

■ 16755441

# Harmonies

## Analogous

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



9610341



7187067



4435354

# Triad

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



7187067



7184602



14190464

# Complementary

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



7187067



11169180

# 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.



14058655



7187067



10393043

# Square

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



7187067



3582161



12815037



13340520

# Rectangle

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



7187067



2534831



12815037



14321034



# Sweetspot

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



7187067



12967627



10332781



6451301



15790320



7368816



# Same Dimension

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



7187067



8314516



7187097



5002318



37922



5125



# Inverse Universe

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



11169180



14581448



11169150



5524562



9699442



1310736



# Previews

## White Background



This preview shows how the Decimal color 7187067 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 7187067 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

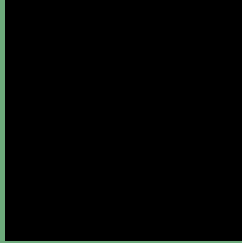
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7187067 Background



This preview shows how black text looks on a background with the Decimal color 7187067.



This preview shows how white text looks on a background with the Decimal color 7187067.

# 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



**Original Color**  
7187067

**Protanopia**  
10984564

**Deuteranopia**  
11900543



# Trichromacy



**Original Color**  
7187067

**Protanomaly**  
9609591

**Deuteranomaly**  
10198398

**Tritanomaly**  
7644829

# Monochromacy



**Original Color**  
7187067

**Achromatopsia**  
9605778

**Achromatomaly**  
8756106

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7187067 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 #6DAA7B looks like.

```
.text, #text, p{  
    color:#6DAA7B  
}
```

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 #6DAA7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DAA7B
}
```

## Border

The CSS property to change the border of an element to Decimal 7187067 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
#6DAA7B }
```

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

```
.border{ border-color:#6DAA7B }
```

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

Here you see how a box with a 4 pixel #6DAA7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DAA7B; -webkit-box-shadow:4px 4px  
4px 4px #6DAA7B; box-shadow:4px 4px 4px  
4px #6DAA7B }
```

# Background

The CSS property to change the background color of an element to Decimal 7187067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DAA7B }
```

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

```
.background{ background-color:#6DAA7B }
```

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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