

# Converting Colors

Decimal(7315831)

Have a look what the booklet for  
Decimal(7315831) contains.

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# **Color**

**Decimal(7315831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FA177
RGB	111, 161, 119
RGB Percent	44%, 63%, 47%
CMY	0.5647, 0.3686, 0.5333
CMYK	0.31, 0.00, 0.26, 0.37
HSL	130°, 21%, 53%
HSV	130°, 31%, 63%
XYZ	22.6302, 30.2012, 22.0894
YIQ	141.2620, -16.3180, -23.6620

# Conversions

## Conversions Part 2

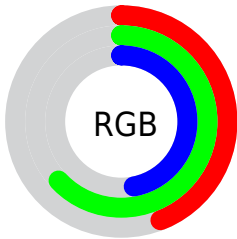
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 154, 161
Decimal	7315831
CIELab	61.83, -25.56, 16.67
CIELCh	62, 30.517, 146.897
Yxy	30.2012, 0.3021, 0.4031
Android (android.graphics.Color)	4285505911 (0xFF6FA177)
YUV	141.2620, -10.9752, -26.5398
Hunter-Lab	54.9556, -22.6676, 14.6372

# Details

The Decimal color **7315831** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10579865**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **10803371**, and **4025670** is the 20% darker color. If you saturate the color by 10%, you get **6267241**, and if you desaturate by 10%, it is **8364421**.

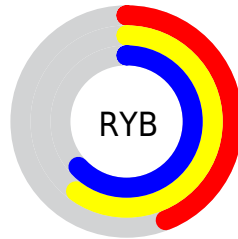
# Distribution



Red (44%)

Green (63%)

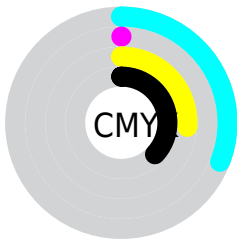
Blue (47%)



Red (44%)

Yellow (60%)

Blue (63%)

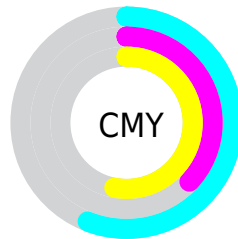


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7315831 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 7315831 by changing the saturation by 10% instead.





7315831



7315831

16777215



5670750



10803371



4025670



12645831



2380848



14483427



671002



16383999



9985



3072



0



7315831



7315831



6267241



8364421

■ 5218652

■ 9413010

■ 4170062

■ 10461600

■ 3121473

■ 11510189

■ 2007347

■ 12624315

■ 958758

■ 13672904

■ 41242

■ 14721494

■ 15770083

■ 16753137

# Harmonies

## Analogous

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



9411428



7315831



5153938

# Triad

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



7315831



7117259



13271678

# Complementary

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



7315831



10579865

# 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.



13074841



7315831



9801669

# Square

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



7315831



4497602



11896499



12618089

# Rectangle

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



7315831



3974308



11896499



13336967



# Sweetspot

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



7315831



12505537



10133871



6121823



15263976



6908265



# Same Dimension

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



7315831



8704400



7315856



4805195



37143



4611



# Inverse Universe

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



10579865



13731013



10579840



5392720



9502842



1179663



# Previews

## White Background



This preview shows how the Decimal color 7315831 looks on a white background.

## Color Contrast Check

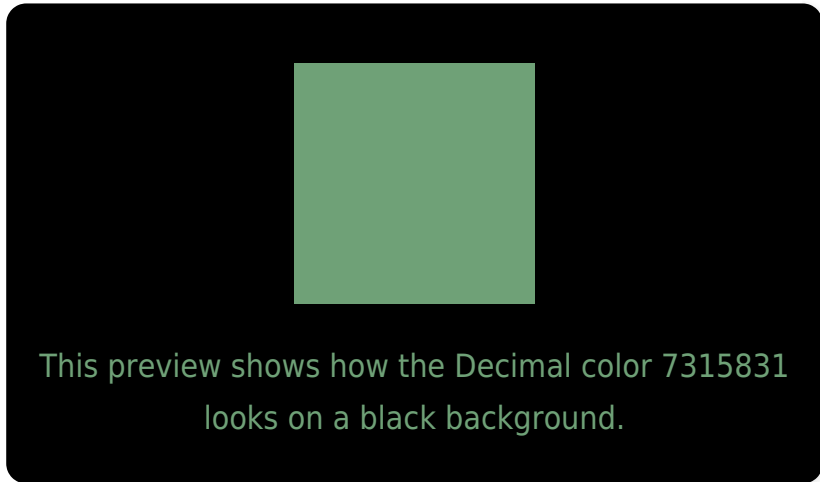
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

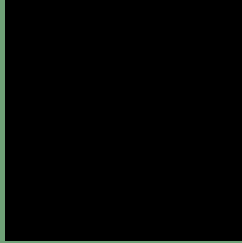
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7315831 Background



This preview shows how black text looks on a background with the Decimal color 7315831.



This preview shows how white text looks on a background with the Decimal color 7315831.

# 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**  
7904167

# Trichromacy



**Original Color**  
7315831

**Protanomaly**  
9345395

**Deuteranomaly**  
9868922

**Tritanomaly**  
7708054

# Monochromacy



**Original Color**  
7315831

**Achromatopsia**  
9276813

**Achromatomaly**  
8557701

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7315831 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 #6FA177 looks like.

```
.text, #text, p{  
    color:#6FA177  
}
```

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 #6FA177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA177  
}
```

## Border

The CSS property to change the border of an element to Decimal 7315831 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  
#6FA177 }
```

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

```
.border{ border-color:#6FA177 }
```

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

Here you see how a box with a 4 pixel #6FA177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA177; -webkit-box-shadow:4px 4px  
4px 4px #6FA177; box-shadow:4px 4px 4px  
4px #6FA177 }
```

# Background

The CSS property to change the background color of an element to Decimal 7315831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA177 }
```

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

```
.background{ background-color:#6FA177 }
```

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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