

Converting Colors

Decimal(7315819)

Have a look what the booklet for
Decimal(7315819) contains.

Decimal(7315819)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7315819)

Conversions

Conversions Part 1

Format	Color
Hex	6FA16B
RGB	111, 161, 107
RGB Percent	44%, 63%, 42%
CMY	0.5647, 0.3686, 0.5804
CMYK	0.31, 0.00, 0.34, 0.37
HSL	116°, 22%, 53%
HSV	116°, 34%, 63%
XYZ	21.9543, 29.9308, 18.5300
YIQ	139.8940, -12.4660, -27.3940

Conversions

Conversions Part 2

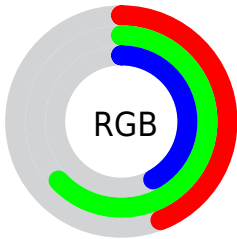
Format	Color
RYB	107, 161, 157
Decimal	7315819
CIELab	61.59, -27.68, 22.95
CIElCh	62, 35.955, 140.333
Yxy	29.9308, 0.3118, 0.4251
Android (android.graphics.Color)	4285505899 (0xFF6FA16B)
YUV	139.8940, -16.2167, -25.3400
Hunter-Lab	54.7090, -24.1103, 18.2147

Details

The Decimal color **7315819** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10316705**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **10803359**, and **4025659** is the 20% darker color. If you saturate the color by 10%, you get **6332763**, and if you desaturate by 10%, it is **8298875**.

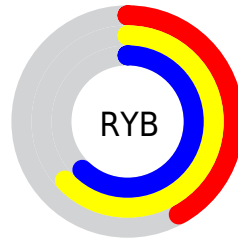
Distribution



Red (44%)

Green (63%)

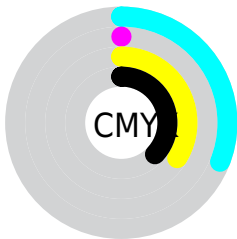
Blue (42%)



Red (42%)

Yellow (63%)

Blue (62%)

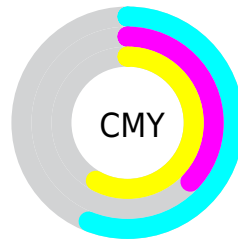


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (56%)

Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7315819 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 7315819 by changing the saturation by 10% instead.

 7315819

 7315819

16777215

 5605202

 10803359

 4025659

 12645818

 2380836

 14483414

 539919

 16383986

 9984

 2816

 0

 7315819

 7315819

 6332763

 8298875

■ 5349707

■ 9281931

■ 4366651

■ 10264987

■ 3383595

■ 11248043

■ 2400539

■ 12231099

■ 1483018

■ 13148620

■ 827648

■ 14131676

■ 15114732

■ 16097788

Harmonies

Analogous

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



9738840



7315819



4498825

Triad

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



7315819



5413843



13860224

Complementary

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



7315819



10316705

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.



13401504



7315819



9015504

Square

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



7315819



41669



11765182



13206629

Rectangle

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



7315819



1943199



11765182



13794443

Sweetspot

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



7315819



12505532



10591339



6121820



15263976



6908265

Same Dimension

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



7315819



8704381



7053698



4870729



758016



70144

Inverse Universe

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



10316705



13336017



10578827



5327186



8847505



1114130

Previews

White Background



This preview shows how the Decimal color 7315819 looks on a white background.

Color Contrast Check

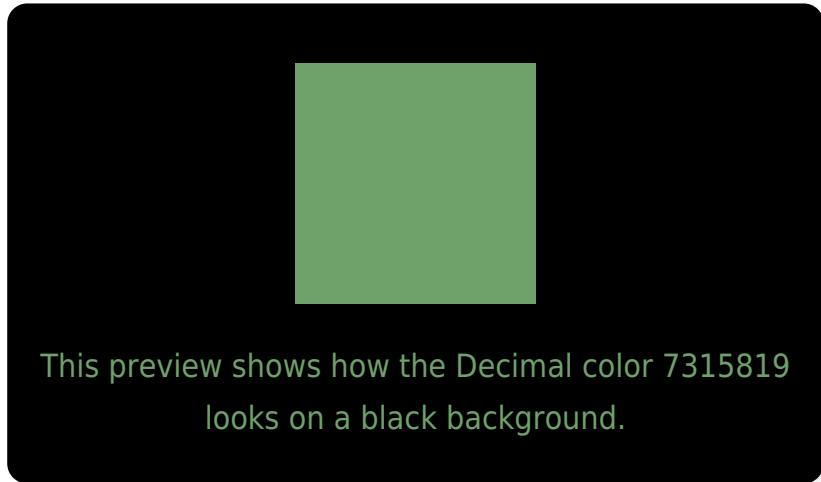
Large Text (above 18pt) WCAG AA ✓ Pass

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

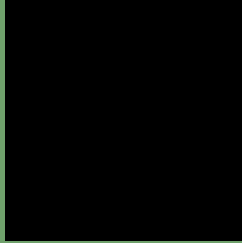
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 7315819 Background



This preview shows how black text looks on a background with the Decimal color 7315819.



This preview shows how white text looks on a background with the Decimal color 7315819.

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
7315819

Protanopia
10523750

Deuteranopia
11505263



Tritanopia
8034982

Trichromacy



Original Color
7315819

Protanomaly
9345384

Deuteranomaly
9999726

Tritanomaly
7773585

Monochromacy



Original Color
7315819

Achromatopsia
9211020

Achromatomaly
8492160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7315819 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 #6FA16B looks like.

```
.text, #text, p{  
    color:#6FA16B  
}
```

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 #6FA16B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA16B
}
```

Border

The CSS property to change the border of an element to Decimal 7315819 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
#6FA16B }
```

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

```
.border{ border-color:#6FA16B }
```

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

Here you see how a box with a 4 pixel #6FA16B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA16B; -webkit-box-shadow:4px 4px  
4px 4px #6FA16B; box-shadow:4px 4px 4px  
4px #6FA16B }
```

Background

The CSS property to change the background color of an element to Decimal 7315819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA16B }
```

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

```
.background{ background-color:#6FA16B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor