

Converting Colors

Decimal(5016174)

Have a look what the booklet for
Decimal(5016174) contains.

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Color

Decimal(5016174)

Conversions

Conversions Part 1

Format	Color
Hex	4C8A6E
RGB	76, 138, 110
RGB Percent	30%, 54%, 43%
CMY	0.7020, 0.4588, 0.5686
CMYK	0.45, 0.00, 0.20, 0.46
HSL	153°, 29%, 42%
HSV	153°, 45%, 54%
XYZ	14.8834, 20.8392, 17.9898
YIQ	116.2700, -27.9640, -21.8520

Conversions

Conversions Part 2

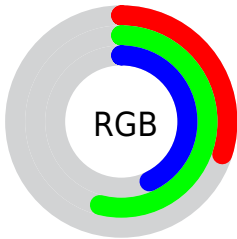
Format	Color
RYB	76, 116, 138
Decimal	5016174
CIELab	52.77, -26.94, 8.83
CIElCh	53, 28.346, 161.852
Yxy	20.8392, 0.2771, 0.3880
Android (android.graphics.Color)	4283206254 (0xFF4C8A6E)
YUV	116.2700, -3.0911, -35.3168
Hunter-Lab	45.6500, -21.6905, 8.5900

Details

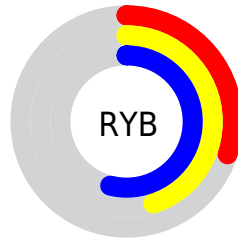
The Decimal color **5016174** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9063528**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **8437922**, and **1529918** is the 20% darker color. If you saturate the color by 10%, you get **4098664**, and if you desaturate by 10%, it is **5933684**.

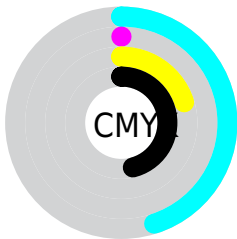
Distribution



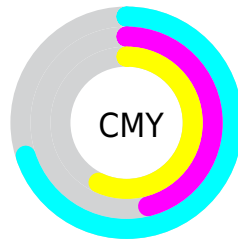
- Red (30%)
- Green (54%)
- Blue (43%)



- Red (30%)
- Yellow (45%)
- Blue (54%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (46%)



- Cyan (70%)
- Magenta (46%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5016174 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 5016174 by changing the saturation by 10% instead.

■ 5016174

■ 5016174

16777215

■ 3305558

■ 8437922

■ 1529918

■ 10214589

■ 16424

■ 12057048

■ 10516

■ 13893621

■ 4352

■ 15794175

■ 0

■ 5016174

■ 5016174

■ 4098664

■ 5933684

■ 3181154

■ 6851194

■ 2329179

■ 7703169

■ 1411669

■ 8620679

■ 494159

■ 9538189

■ 35404

■ 10455699

■ 11373210

■ 12225184

■ 13142694

Harmonies

Analogous

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



6981209



5016174



3050375

Triad

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



5016174



7044525



11169887

Complementary

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



5016174



9063528

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.



11430773



5016174



9270434

Square

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



5016174



4425132



10775950



10188624

Rectangle

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



5016174



2263703



10775950



11365989

Sweetspot

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



5016174



10204072



6916684



4938067



14277081



5855577

Same Dimension

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



5016174



5419911



5015690



4080962



34121



1283

Inverse Universe

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



9063528



11752062



9064012



4537921



8716348



327682

Previews

White Background



This preview shows how the Decimal color 5016174 looks on a white background.

Color Contrast Check

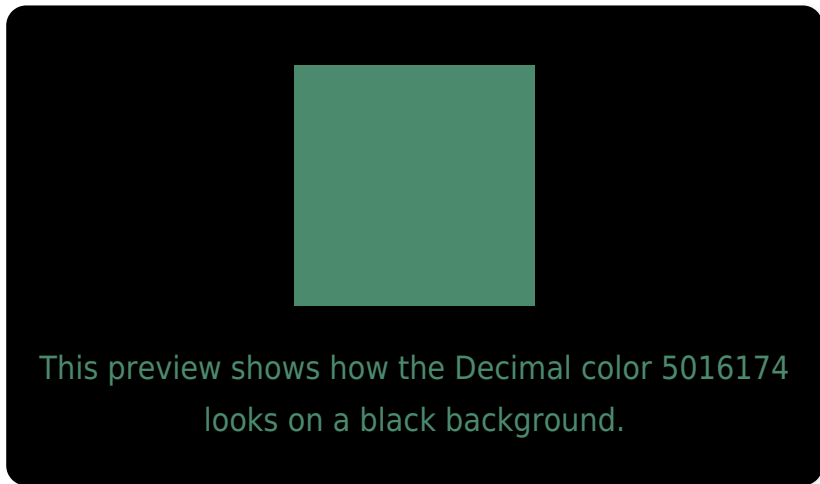
Large Text (above 18pt) WCAG AA ✓ Pass

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

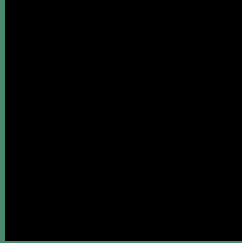
Any Text WCAG AA ✓ Pass

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 5016174 Background



This preview shows how black text looks on a background with the Decimal color 5016174.

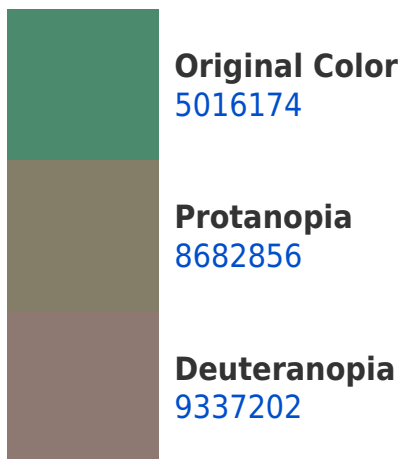


This preview shows how white text looks on a background with the Decimal color 5016174.

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



Trichromacy



Original Color
5016174

Protanomaly
7373418

Deuteranomaly
7765873

Tritanomaly
5408644

Monochromacy



Original Color
5016174

Achromatopsia
7631988

Achromatomaly
6650994

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5016174 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 #4C8A6E looks like.

```
.text, #text, p{  
  color:#4C8A6E  
}
```

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 #4C8A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8A6E
}
```

Border

The CSS property to change the border of an element to Decimal 5016174 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
#4C8A6E }
```

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

```
.border{ border-color:#4C8A6E }
```

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

Here you see how a box with a 4 pixel #4C8A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8A6E; -webkit-box-shadow:4px 4px  
4px 4px #4C8A6E; box-shadow:4px 4px 4px  
4px #4C8A6E }
```

Background

The CSS property to change the background color of an element to Decimal 5016174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8A6E }
```

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

```
.background{ background-color:#4C8A6E }
```

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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