

Converting Colors

Decimal(5017451)

Have a look what the booklet for
Decimal(5017451) contains.

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Color

Decimal(5017451)

Conversions

Conversions Part 1

Format	Color
Hex	4C8F6B
RGB	76, 143, 107
RGB Percent	30%, 56%, 42%
CMY	0.7020, 0.4392, 0.5804
CMYK	0.47, 0.00, 0.25, 0.44
HSL	148°, 31%, 43%
HSV	148°, 47%, 56%
XYZ	15.4568, 22.2430, 17.3886
YIQ	118.8630, -28.3760, -25.4000

Conversions

Conversions Part 2

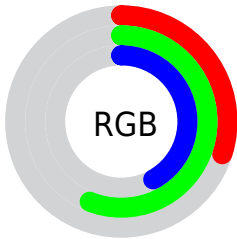
Format	Color
RYB	76, 122, 143
Decimal	5017451
CIELab	54.28, -30.03, 12.67
CIELCh	54, 32.594, 157.125
Yxy	22.2430, 0.2806, 0.4038
Android (android.graphics.Color)	4283207531 (0xFF4C8F6B)
YUV	118.8630, -5.8485, -37.5909
Hunter-Lab	47.1624, -24.0335, 11.1538

Details

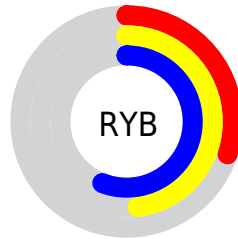
The Decimal color **5017451** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9391216**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8504734**, and **1399868** is the 20% darker color. If you saturate the color by 10%, you get **4099939**, and if you desaturate by 10%, it is **5934963**.

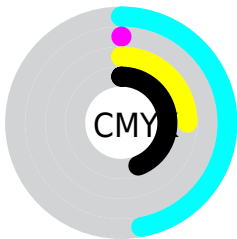
Distribution



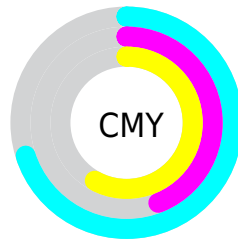
- Red (30%)
- Green (56%)
- Blue (42%)



- Red (30%)
- Yellow (48%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5017451 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 5017451 by changing the saturation by 10% instead.

■ 5017451

■ 5017451

16777215

■ 3306835

■ 8504734

■ 1399868

■ 10281401

■ 17446

■ 12058325

■ 11537

■ 13959154

■ 6144

■ 15859711

■ 0

■ 5017451

■ 5017451

■ 4099939

■ 5934963

■ 3116892

■ 6918010

■ 2199380

■ 7835522

■ 1281868

■ 8753034

■ 298821

■ 9736081

■ 36674

■ 10653593

■ 11571105

■ 12488616

■ 13471664

Harmonies

Analogous

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



7309908



5017451



2003336

Triad

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



5017451



6521529



11890785

Complementary

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



5017451



9391216

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.



12086396



5017451



9337007

Square

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



5017451



2984885



11235224



10910030

Rectangle

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



5017451



37019



11235224



12086890

Sweetspot

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



5017451



10533548



7442252



5135958



14606046



6184542

Same Dimension

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



5017451



5421698



5017484



4212548



34623



2052

Inverse Universe

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



9391216



12210826



9391183



4669508



8847433



524292

Previews

White Background



This preview shows how the Decimal color 5017451 looks on a white background.

Color Contrast Check

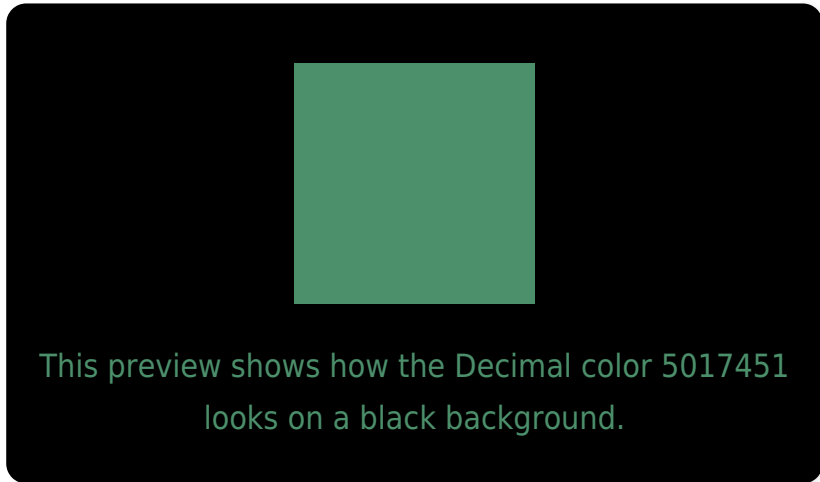
Large Text (above 18pt) WCAG AA ✓ Pass

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

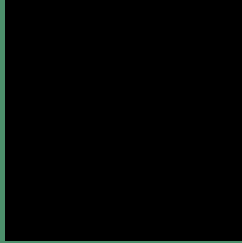
Any Text WCAG AA ✓ Pass

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 5017451 Background



This preview shows how black text looks on a background with the Decimal color 5017451.




This preview shows how white text looks on a background with the Decimal color 5017451.

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
5737109

Trichromacy



Original Color
5017451

Protanomaly
7571047

Deuteranomaly
8029038

Tritanomaly
5475462

Monochromacy



Original Color
5017451

Achromatopsia
7829367

Achromatomaly
6783091

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5017451 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 #4C8F6B looks like.

```
.text, #text, p{  
    color:#4C8F6B  
}
```

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 #4C8F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8F6B
}
```

Border

The CSS property to change the border of an element to Decimal 5017451 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
#4C8F6B }
```

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

```
.border{ border-color:#4C8F6B }
```

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

Here you see how a box with a 4 pixel #4C8F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8F6B; -webkit-box-shadow:4px 4px  
4px 4px #4C8F6B; box-shadow:4px 4px 4px  
4px #4C8F6B }
```

Background

The CSS property to change the background color of an element to Decimal 5017451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8F6B }
```

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

```
.background{ background-color:#4C8F6B }
```

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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