

Converting Colors

Decimal(5147002)

Have a look what the booklet for
Decimal(5147002) contains.

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Color

Decimal(5147002)

Conversions

Conversions Part 1

Format	Color
Hex	4E897A
RGB	78, 137, 122
RGB Percent	31%, 54%, 48%
CMY	0.6941, 0.4627, 0.5216
CMYK	0.43, 0.00, 0.11, 0.46
HSL	165°, 27%, 42%
HSV	165°, 43%, 54%
XYZ	15.6004, 20.9162, 21.6273
YIQ	117.6490, -30.3490, -17.1730

Conversions

Conversions Part 2

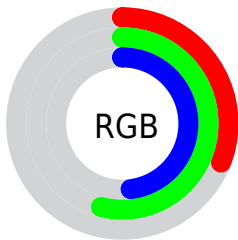
Format	Color
RYB	78, 112, 137
Decimal	5147002
CIELab	52.86, -23.04, 2.03
CIELCh	53, 23.130, 174.972
Yxy	20.9162, 0.2683, 0.3597
Android (android.graphics.Color)	4283337082 (0xFF4E897A)
YUV	117.6490, 2.1450, -34.7722
Hunter-Lab	45.7342, -19.1467, 3.9761

Details

The Decimal color **5147002** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8998493**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **8568750**, and **1660745** is the 20% darker color. If you saturate the color by 10%, you get **4229495**, and if you desaturate by 10%, it is **6064509**.

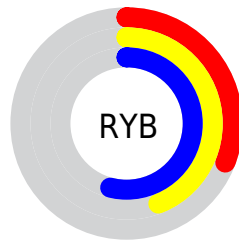
Distribution



Red (31%)

Green (54%)

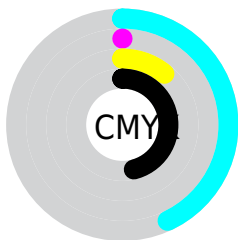
Blue (48%)



Red (31%)

Yellow (44%)

Blue (54%)

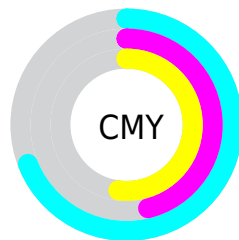


Cyan (43%)

Magenta (0%)

Yellow (11%)

Black (46%)



Cyan (69%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5147002 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 5147002 by changing the saturation by 10% instead.



5147002



5147002

16777215



3436385



8568750



1660745



10345418



16179



12187622



10526



14024703



4613



15925247



0



5147002



5147002



4229495



6064509



3377523



6916481

■ 2460016

■ 7833988

■ 1542508

■ 8751496

■ 690537

■ 9669003

■ 35174

■ 10520975

■ 11438482

■ 12355990

■ 13207961

Harmonies

Analogous

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



6588263



5147002



4229518

Triad

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



5147002



8223394



10450270

Complementary

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



5147002



8998493

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.



10907758



5147002



9729173

Square

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



5147002



6324645



10711170



9403479

Rectangle

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



5147002



4360090



10711170



10646371

Sweetspot

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



5147002



10204077



6195534



4938070



14277081



5855577

Same Dimension

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



5147002



5682075



5143433



4080963



34147



1284

Inverse Universe

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



8998493



11753069



9002062



4537920



8716322



327681

Previews

White Background



This preview shows how the Decimal color 5147002 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



This preview shows how the Decimal color 5147002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

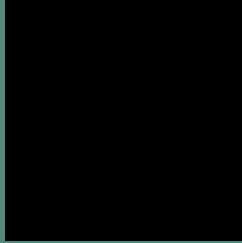
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5147002 Background



This preview shows how black text looks on a background with the Decimal color 5147002.

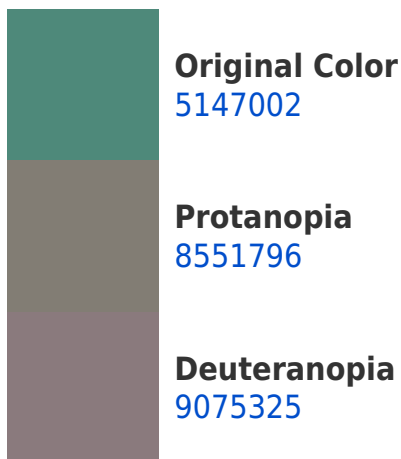



This preview shows how white text looks on a background with the Decimal color 5147002.

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
5539473

Trichromacy



Original Color
5147002

Protanomaly
7307638

Deuteranomaly
7634812

Tritanomaly
5408649

Monochromacy



Original Color
5147002

Achromatopsia
7763574

Achromatomaly
6782327

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5147002 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 #4E897A looks like.

```
.text, #text, p{  
    color:#4E897A  
}
```

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 #4E897A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E897A
}
```

Border

The CSS property to change the border of an element to Decimal 5147002 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
#4E897A }
```

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

```
.border{ border-color:#4E897A }
```

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

Here you see how a box with a 4 pixel #4E897A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E897A; -webkit-box-shadow:4px 4px  
4px 4px #4E897A; box-shadow:4px 4px 4px  
4px #4E897A }
```

Background

The CSS property to change the background color of an element to Decimal 5147002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E897A }
```

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

```
.background{ background-color:#4E897A }
```

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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