

Converting Colors

Decimal(4951147)

Have a look what the booklet for
Decimal(4951147) contains.

Decimal(4951147)	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(4951147)

Conversions

Conversions Part 1

Format	Color
Hex	4B8C6B
RGB	75, 140, 107
RGB Percent	29%, 55%, 42%
CMY	0.7059, 0.4510, 0.5804
CMYK	0.46, 0.00, 0.24, 0.45
HSL	150°, 30%, 42%
HSV	150°, 46%, 55%
XYZ	14.9336, 21.3136, 17.2368
YIQ	116.8030, -28.1470, -24.0430

Conversions

Conversions Part 2

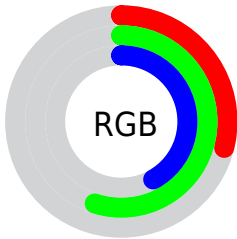
Format	Color
RYB	75, 119, 140
Decimal	4951147
CIELab	53.29, -28.87, 11.28
CIELCh	53, 30.990, 158.664
Yxy	21.3136, 0.2792, 0.3985
Android (android.graphics.Color)	4283141227 (0xFF4B8C6B)
YUV	116.8030, -4.8329, -36.6612
Hunter-Lab	46.1666, -23.0519, 10.1801

Details

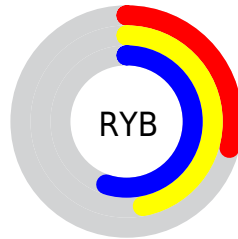
The Decimal color **4951147** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9194348**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **8372894**, and **1399100** is the 20% darker color. If you saturate the color by 10%, you get **4033636**, and if you desaturate by 10%, it is **5868658**.

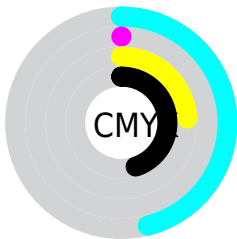
Distribution



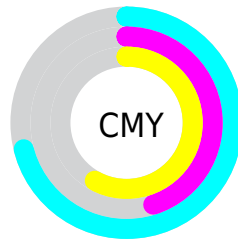
- Red (29%)
- Green (55%)
- Blue (42%)



- Red (29%)
- Yellow (47%)
- Blue (55%)



- Cyan (46%)
- Magenta (0%)
- Yellow (24%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4951147 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 4951147 by changing the saturation by 10% instead.



4951147



4951147

16777215



3240531



8372894



1399100



10149561



16678



11992021



11025



13828081



5120



15728639



0



4951147



4951147



4033636



5868658



3116125



6786169

■ 2198614

■ 7703680

■ 1281103

■ 8621191

■ 363591

■ 9538703

■ 35909

■ 10456214

■ 11373725

■ 12291236

■ 13208747

Harmonies

Analogous

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



7112533



4951147



2330246

Triad

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



4951147



6651828



11562847

Complementary

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



4951147



9194348

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.



11758200



4951147



9205417

Square

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



4951147



3508144



10972563



10581838

Rectangle

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



4951147



232856



10972563



11693159

Sweetspot

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



4951147



10270120



7179339



5004372



14408667



6052956

Same Dimension

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



4951147



5289346



4951179



4080961



34113



1283

Inverse Universe

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



9194348



11882627



9194316



4537921



8716355



327683

Previews

White Background



This preview shows how the Decimal color 4951147 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 4951147 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 4951147 Background



This preview shows how black text looks on a background with the Decimal color 4951147.

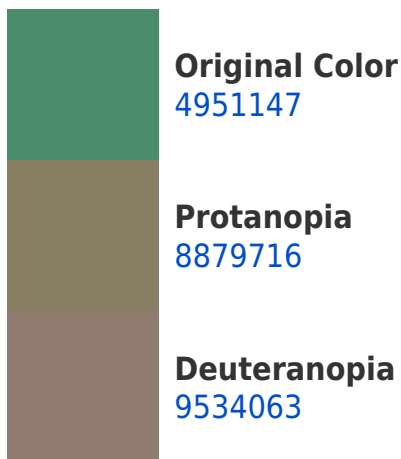


This preview shows how white text looks on a background with the Decimal color 4951147.

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
4951147

Protanomaly
7439207

Deuteranomaly
7897454

Tritanomaly
5343620

Monochromacy



Original Color
4951147

Achromatopsia
7697781

Achromatomaly
6716785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4951147 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 #4B8C6B looks like.

```
.text, #text, p{  
    color:#4B8C6B  
}
```

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 #4B8C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8C6B
}
```

Border

The CSS property to change the border of an element to Decimal 4951147 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
#4B8C6B }
```

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

```
.border{ border-color:#4B8C6B }
```

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

Here you see how a box with a 4 pixel #4B8C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8C6B; -webkit-box-shadow:4px 4px  
4px 4px #4B8C6B; box-shadow:4px 4px 4px  
4px #4B8C6B }
```

Background

The CSS property to change the background color of an element to Decimal 4951147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8C6B }
```

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

```
.background{ background-color:#4B8C6B }
```

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