

Converting Colors

Decimal(7122551)

Have a look what the booklet for
Decimal(7122551) contains.

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Color

Decimal(7122551)

Conversions

Conversions Part 1

Format	Color
Hex	6CAE77
RGB	108, 174, 119
RGB Percent	42%, 68%, 47%
CMY	0.5765, 0.3176, 0.5333
CMYK	0.38, 0.00, 0.32, 0.32
HSL	130°, 29%, 55%
HSV	130°, 38%, 68%
XYZ	24.6502, 34.7922, 22.8691
YIQ	147.9960, -21.6810, -31.0970

Conversions

Conversions Part 2

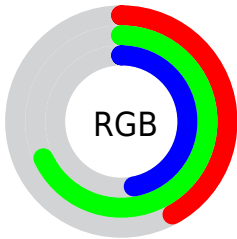
Format	Color
RYB	108, 165, 174
Decimal	7122551
CIELab	65.59, -32.81, 21.78
CIELCh	66, 39.380, 146.420
Yxy	34.7922, 0.2995, 0.4227
Android (android.graphics.Color)	4285312631 (0xFF6CAE77)
YUV	147.9960, -14.2950, -35.0765
Hunter-Lab	58.9849, -28.6272, 18.3020

Details

The Decimal color **7122551** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11431075**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **10675884**, and **3701062** is the 20% darker color. If you saturate the color by 10%, you get **6008424**, and if you desaturate by 10%, it is **8236677**.

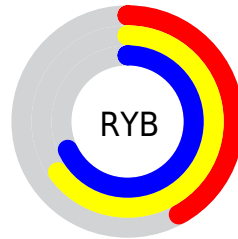
Distribution



Red (42%)

Green (68%)

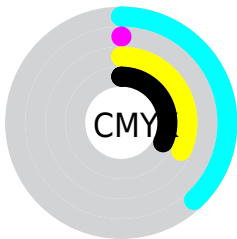
Blue (47%)



Red (42%)

Yellow (65%)

Blue (68%)

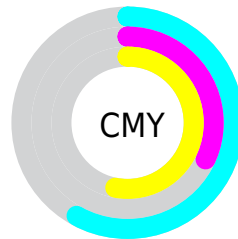


Cyan (38%)

Magenta (0%)

Yellow (32%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7122551 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 7122551 by changing the saturation by 10% instead.

 7122551

 7122551

16777215

 5411678

 10675884

 3701062

 12517319

 1925167

 14352355

 18457

 16252927

 12288

 7168

 0

 7122551

 7122551

 6008424

 8236677

■ 4828762

■ 9416340

■ 3714635

■ 10530467

■ 2534973

■ 11710129

■ 1420846

■ 12824256

■ 306720

■ 13938382

■ 44573

■ 15118044

■ 16232171

■ 16756474

Harmonies

Analogous

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



9873247



7122551



3584666

Triad

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



7122551



6399205



14910850

Complementary

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



7122551



11431075

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.



14648485



7122551



10328286

Square

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



7122551



44505



13142983



13995878

Rectangle

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



7122551



45746



13142983



14976141

Sweetspot

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



7122551



13296590



10727020



6583142



15921906



7566195

Same Dimension

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



7122551



8119180



7122584



5134159



38425



5892

Inverse Universe

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



11431075



14908370



11431042



5721685



9830525



1507347

Previews

White Background



This preview shows how the Decimal color 7122551 looks on a white background.

Color Contrast Check

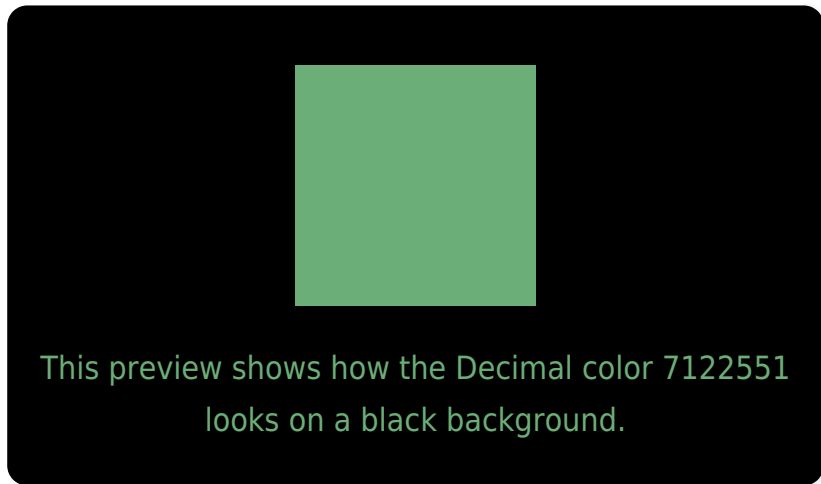
Large Text (above 18pt) WCAG AA × Fail

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

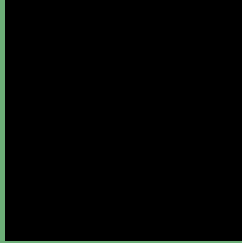
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 7122551 Background



This preview shows how black text looks on a background with the Decimal color 7122551.

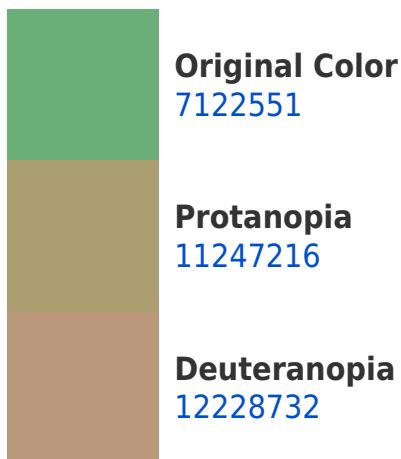



This preview shows how white text looks on a background with the Decimal color 7122551.

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
7906996

Trichromacy



Original Color

7122551



Protanomaly

9741427



Deuteranomaly

10395770



Tritanomaly

7645598

Monochromacy



Original Color

7122551



Achromatopsia

9737364



Achromatomaly

8756617

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7122551 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 #6CAE77 looks like.

```
.text, #text, p{  
  color:#6CAE77  
}
```

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 #6CAE77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAE77
}
```

Border

The CSS property to change the border of an element to Decimal 7122551 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
#6CAE77 }
```

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

```
.border{ border-color:#6CAE77 }
```

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

Here you see how a box with a 4 pixel #6CAE77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAE77; -webkit-box-shadow:4px 4px  
4px 4px #6CAE77; box-shadow:4px 4px 4px  
4px #6CAE77 }
```

Background

The CSS property to change the background color of an element to Decimal 7122551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAE77 }
```

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

```
.background{ background-color:#6CAE77 }
```

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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